

Center for Emergency Situations  
and Disaster Risk Reduction



Центр по чрезвычайным ситуациям  
и снижению риска стихийных бедствий

**CESDRR**

**ЦЧССРБ**

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Permanent Interstate Body - International Organization

Постоянно действующий межгосударственный орган - Международная организация

**HISTORICAL FORMULARY**  
**CENTER FOR EMERGENCY SITUATIONS AND DISASTER RISK**  
**REDUCTION**

DOCUMENT REFLECTING THE MOST IMPORTANT EVENTS OF LIFE AND ACTIVITY  
CENTER FOR EMERGENCY SITUATIONS AND DISASTER RISK REDUCTION

## 2005 year

At the Second World Conference on Disaster Reduction in Kobe (Japan), Kazakhstan for the first time initiated a proposal to establish a Regional Center for Emergency Situations and Disaster Risk Reduction.

## 2013 year

**MAY 17:** THE HEADS OF MINISTRIES FOR EMERGENCY SITUATIONS OF THE REPUBLIC OF KAZAKHSTAN AND THE KYRGYZ REPUBLIC SIGNED AN AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF KAZAKHSTAN AND THE GOVERNMENT OF THE KYRGYZ REPUBLIC ON THE ESTABLISHMENT OF THE CENTER.



## 2014 year

**APRIL:** RATIFICATION OF THE AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF KAZAKHSTAN AND THE GOVERNMENT OF THE KYRGYZ REPUBLIC ON THE ESTABLISHMENT OF THE CENTER.

*(LAW OF THE REPUBLIC OF KAZAKHSTAN DATED APRIL 14, 2014 NO. 191-V).*

## 2015 year

**JULY:** RATIFICATION OF THE AGREEMENT BETWEEN THE GOVERNMENT OF THE KYRGYZ REPUBLIC AND THE GOVERNMENT OF THE REPUBLIC OF KAZAKHSTAN ON THE ESTABLISHMENT OF THE CENTER.

*(LAW OF THE KYRGYZ REPUBLIC DATED JULY 14, 2015 NO. 159).*

## 2016 year

**JANUARY 16:** THE FIRST MEETING OF THE COUNCIL OF THE CENTER WAS HELD IN ALMATY. THE COUNCIL OF THE CENTER MADE THE FOLLOWING MAJOR DECISIONS:

- APPROVED THE STRUCTURE OF THE CENTER.
- APPROVED CANDIDATES FOR APPOINTMENT TO THE POSITION OF DIRECTOR OF THE CENTER AND DEPUTY DIRECTOR OF THE CENTER.



**MARCH 3:** The second meeting of the Council of the Center was held in Bishkek.

The Council of the Center made the following major decisions:

- Petrov V.V. was appointed to the position of the Director of the Center.
- Ukashev D.I. was appointed to the position of the Deputy Director of the Center.
- The staff list of the Center was approved.



## 2016 year

**JULY 11-14:** The Center's delegation took part in the meeting of the Regional Platform for Central Asia and the South Caucasus on DRR for the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030, held in Dushanbe, Tajikistan.

During the event, working meetings were held with the Special Representative of the UN Secretary-General for Disaster Risk Reduction, Mr. Robert Glasser, and the Chairman of the CoES under the Government of the Republic of Tajikistan, Mr. Rustam Nazarzoda.

The parties reached an agreement on interaction and cooperation in the framework of the implementation of programs and projects in the field of DRR and emergency situations.



**AUGUST:** Mr. Armen Grigoryan, Head of the Cluster on Emergency Situations and Climate Change of the UNDP Regional Office for Europe and the CIS in Istanbul, Turkey, visited the Center.

The parties reached an agreement on interaction and cooperation in the framework of the implementation of programs and projects in the field of DRR and emergency situations.

**SEPTEMBER 14:** The third meeting of the Council of the Center was held in Almaty. The Council of the Center made the following major decisions:

- The Islamic Republic of Afghanistan has been granted observer status at the Centre.
- Approved the symbols of the Center.



## 2016 year

**14 SEPTEMBER:** The official opening ceremony of the Center took place.



This solemn event was held with the participation of more than 70 heads and representatives of authorized bodies in the field of emergency situations of the Republic of Kazakhstan and the Kyrgyz Republic, the Almaty city administration, heads and representatives of diplomatic missions, UN agencies, international and non-governmental organizations, scientific institutions.



**20-22 SEPTEMBER:** The Center, together with ESCAP, conducted:

- Regional Workshop on “Sustainable Information and Communication Technology (ICT) Connectivity for Building a Knowledge-Based Economy and Achieving the Sustainable Development Goals and the Goals of the World Summit on the Information Society”, and held
- Eighth session of the thematic working group of the UN Special Program for the Economies of Central Asia on Economic Development, organized by the Subregional Office for North and Central Asia of the UN Economic and Social Commission for Asia and the Pacific.

This event was attended by representatives of Kazakhstan, Kyrgyzstan, Russia, Azerbaijan, Armenia, Belarus, Pakistan, as well as regional offices of UN agencies, the Asian Disaster Preparedness Center (Bangkok), universities and scientific organizations.



**OCTOBER 15:** The Center held a working meeting with deputies of the Committee on International Relations, Defense and Security of the Senate of the Parliament of the Republic of Kazakhstan, headed by the Chairman of the Committee, Ms. Nazarbayeva D.N.



## 2016 year

**OCTOBER 24:** The Center, together with the UNDRR Regional Office, held an expanded wide-format meeting dedicated to the International Day for Disaster Risk Reduction on the theme “Live to Tell”.



This large-format Meeting, held with the participation of more than 60 representatives of state bodies and scientific institutions of Kazakhstan, international and non-governmental organizations, was aimed at:

- Sharing best practices, current initiatives and perspectives on disaster mortality reduction, with a particular focus on the Central Asia and South Caucasus region.
- Consolidation of efforts of all stakeholders in the field of disaster risk reduction through the implementation of effective measures to increase the awareness of all segments of the population about the danger of the existing risk of disasters, in all its dimensions.
- solution of problematic issues in the implementation of the transition from the practice of response to the practice of disaster risk reduction, early warning and strengthening of resilience up to the prevention of some part of emergencies.

## 2016 year

**NOVEMBER 2-5:** in New Delhi, India, a delegation of the Center took part in the Asian Ministerial Conference on DRR.

During this conference, the delegation of the Center held official and working meetings with:

- UN Under-Secretary-General, ESCAP Executive Secretary for Asia and the Pacific for North and Central Asia, Dr. Shamshad Akhtar;
- Special Adviser of the Asian Disaster Preparedness Center in Bangkok, Thailand, Dr. Bichit Rattakul;
- Executive Director of the Asian Center for Disaster Reduction in Kobe, Japan, Ms. Kyoko Kondo;
- Director of the UN Bureau for International Strategy for Disaster Reduction Ms. Kirsi Madi;
- Heads of delegations from the countries of Central Asia and the South Caucasus and other representatives of international and non-governmental organizations.

As a result of the negotiations, the Parties reached an agreement on interaction and cooperation in the framework of the implementation of programs and projects in the field of DRR and emergency situations.

**NOVEMBER 22:** The Centre, jointly by the Regional Office for the Coordination of Humanitarian Affairs (OCHA) for the Caucasus, Central Asia and Ukraine, the Sub-Regional Office for Central Asia of the United Nations Environment Program (UNEP) organized and conducted a Regional Workshop on Environmental and Technological Risks .



**NOVEMBER 23:** Center, in order to improve an integrated approach to the prevention, mitigation of risk factors for emergencies, identification, assessment and monitoring of the danger of emergencies, their forecasting, assistance in the implementation in the states of the Parties of international monitoring systems and networks for natural, man-made, environmental, climatic and other types of threats and potential emergencies, jointly with the Regional Center of the Regional Bureau for Europe and the CIS of UNDP in Istanbul, organized and conducted a Regional Training on Disaster Risk Assessment.

## 2016 year

**NOVEMBER 24:** The Centre, jointly with the UNDP Regional Office for Europe and the CIS Regional Center in Istanbul, organized and conducted a Regional Training on Gender Equality in DRR and their relationship with disaster management activities.



**DECEMBER 8:** The Center, together with UNDP in the Republic of Kazakhstan, the Akimat of the Almaty region, the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, held an expanded meeting on the joint implementation of the project "Strengthening the resilience of communities to negative external impacts and improving the efficiency of flood risk management in the Almaty region."



## 2016 YEAR – MAIN RESULTS OF THE CENTER

The Center reached agreements on interaction and cooperation in the field of DRR and emergency situations ESCAP, UNICEF, UNISDR, UNDP, IOM, UN OCHA, UNEP, UN Women, the Asian Center for Disaster Reduction in Kobe, Japan, the Asian Center for Disaster Preparedness in Bangkok, Thailand, Humanitarian Aid and Civil Protection Department of the European Commission, IFRC and KP.

- The Center, by attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency, has implemented or is currently implementing the following projects in the field of strengthening regional cooperation, disaster risk reduction and emergency prevention:

- 1) UNDP project in the Kyrgyz Republic “Strengthening the capacity of integrated risk management in the Kyrgyz Republic and regional cooperation in Central Asia”. Implementation period: 2016-2020;

- 2) Component of the project of the UN OCHA regional office on the collection, compilation and analysis of data on Kazakhstan and Kyrgyzstan related to climate change, radioactive contamination of territories, production and radioactive waste. Implementation period: 2016.

- The Center, together with the Ministry of Internal Affairs of the Republic of Kazakhstan and the Ministry of Emergency Situations of the Kyrgyz Republic, has given a number of organizational and practical measures, as a result of which, based on the official statement of the competent authorities of the Islamic Republic of Afghanistan, this state, by the Decision of the third meeting of the Council of the Center dated September 14, 2016, was granted observer status at the Centre.

- The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and held 8 international events (conferences, forums, seminars, trainings, meetings, meetings ...) in the field of disaster risk reduction and emergency situations.

259 people took part in these events, exchanged experience, gained new knowledge, improved their skills in the field of disaster risk reduction and emergency situations, including:

- o 89 representatives of state bodies of the Republic of Kazakhstan.

- o 36 representatives of state bodies of the Kyrgyz Republic.

- o 23 representatives of state bodies of the Central Asian countries and other states.

- o 34 representatives of scientific institutions and independent experts.

- o 77 representatives of international and non-governmental organizations.

- 3 meetings of the Council of the Center were held.

- Implemented measures to ensure the gradual institutional development and capacity building of the Center.



## 2017 year

**JANUARY 17:** The Center, together with the IFRC and the RK RCSC, held a regional seminar: "Legal Aspects of Disaster Management and Disaster Risk Reduction in Central Asia" Meeting of National Societies on Supporting Role and Promotion of Legislative Initiatives.

**JANUARY 18:** The Center, together with the International Federation of Red Cross and Red Crescent Societies (IFRC and RC), organized and held an international Conference on improving the legal environment in the field of disaster management and response, as well as developing legal regulation of combat in the region disaster management and disaster risk reduction.



**JANUARY 27:** The fourth meeting of the Council of the Center was held at the Center.

The Council of the Center made the following major decisions:

- Approved the Center's proposals to expand the membership of the Centre's member states.
- Approved the Strategic Directions for the Centre's activities.



**FEBRUARY 15:** The Center, together with the International Federation of the Red Cross and Red Crescent, the Red Crescent Society of Kazakhstan, the Ministry of Foreign Affairs of the Republic of Kazakhstan, the Health Department of Almaty, the Emergency Department of Almaty, scientific institutions held a meeting of the working group to discuss the Law "On the Red Crescent Society of the Republic Kazakhstan".

## 2017 year

**MARCH 2:** The Center and the United Nations Children's Fund (UNICEF) signed a Memorandum of Understanding and Cooperation in the field of DRR and disasters, taking into account the interests of children.



**MARCH 6-7:** The Center, together with CADRI in Europe and the CIS countries, conducted a workshop on capacity building for DRR in the Central Asian region.

**MARCH 13-15:** The Center, together with the UN Population Fund in Kazakhstan, organized and conducted a technical workshop on the development of a minimum set of initial reproductive health measures in a humanitarian crisis.



## 2017 year

**MARCH 15:** The Center and the Asian Disaster Preparedness Center in Bangkok, Thailand signed a Memorandum of Understanding and Cooperation in the field of DRR and Emergencies.



**MARCH 23:** The Center in Bishkek held a working meeting with representatives of scientific institutions and higher educational institutions of Kyrgyzstan to discuss the main areas of interaction and cooperation in the field of DRR, prevention and elimination of emergency situations.

**MARCH 23-24:** The Center participated in the Istanbul Development Dialogue Forum in Istanbul, Turkey, where he made a presentation on the impact of disasters, their consequences and the general situation in the countries of Central Asia.



**APRIL 03-08:** The Center, together with the American Red Cross, conducted a training for the national disaster response team of the Red Crescent of the Republic of Kazakhstan, within the framework of the "Central Asia without shocks" project.



## 2017 year

**MARCH 31:** Center in Dushanbe, Tajikistan, took part in the work of the Regional meeting of the Heads of Emergency Authorities of Central Asia countries (Republic of Kazakhstan, Kyrgyz Republic, Republic of Uzbekistan, Republic of Tajikistan) on strengthening regional cooperation in the field of DRR and emergency situations.



**APRIL 20:** The Center and the United Nations Children's Fund organized and hosted a national conference on disaster risk reduction for children.

**MAY 2 - 6:** Center officials attended the UNISDR/GETI Global Training and Development Institute training course in DRR Office in Incheon, South Korea.

**MAY 2:** The Center and the UNISDR/GETI Global Institute for Training and Development in Incheon, South Korea signed a Memorandum of Understanding and Cooperation in the field of DRR and agreed to jointly develop the capacity of national and local governments to implement the Sendai Framework for Disaster Risk Reduction for 2015-2030.



## 2017 year

**MAY 15-16:** Regional training seminar on the protection of migrants in emergency situations was held by the Center and the IOM Regional Office in Central Asia.

The workshop was aimed at raising the awareness of staff on emergency preparedness, providing specific information and practical recommendations on reducing the vulnerability of migrants through various measures and learning lessons.

Seminar participants from Afghanistan, Tajikistan, Uzbekistan, Turkey, Russia, Hungary, Kyrgyzstan, Kazakhstan, Germany are representatives of state bodies and international organizations.



**23-26 MAY:** The Center, together with the International Federation of the Red Cross and Red Crescent and the Spanish Red Cross, conducted a regional course on planning livelihood programs for the Red Cross and Red Crescent Societies in Central Asia.



## 2017 year

**MAY 16-18:** The Center, together with the All-Russian Center for Disaster Medicine "Protection" of the Ministry of Health of the Russian Federation, within the framework of the VIII General Assembly of the National Medical Association, hosted an international conference on the theme "Healthy children - a healthy future!".

**MAY 18:** The Center and the All-Russian Center for Disaster Medicine Zashchita of the Ministry of Health of the Russian Federation signed a Memorandum of Understanding and Cooperation in the field of DRR and Emergencies and reached an agreement on the implementation of measures to improve the professional level of medical workers, paramedics and volunteers.

**MAY 22-26:** The Center participated in the Global Platform for Disaster Risk Reduction organized by the Government of the United Mexican States and the United Nations Office for Disaster Risk Reduction



**JUNE 16:** Center and Kazakh National University. Al-Farabi signed a Memorandum of Understanding and Cooperation in the field of DRR and emergency situations.

**JUNE 21:** The Center presented a report on the activities of the Center at the Parliamentary Hearings organized by the Committee on Foreign Relations, Defense and Security of the Senate of the Parliament.



## 2017 year

**JULY 10-12:** The Center, together with OCHA, with the participation of representatives of state bodies of the countries of Central Asia, the South Caucasus, Russia, international and non-governmental organizations, conducted a Regional training: "Training of UN country coordinators, actions to ensure coordination between UN structures and government structures".

**JULY 12-14:** The Center in Dushanbe took part in the work of the Regional DRR Platform for the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 in the Central Asia and South Caucasus region.

On the basis of the final document of the Regional Platform for DRR - Dushanbe Declaration on DRR to build disaster resilience capacity, the Center was delegated the status of a resource center for the implementation of priority areas of activity of the Sendai Framework for DRR for 2015-2030 in the region of Central Asia and the South Caucasus.

**AUGUST 2:** The Center together with the Ministry of Foreign Affairs of the Republic of Kazakhstan, the Ministry of Foreign Affairs of the Kyrgyz Republic, the Ministry of Emergency Situations of the Kyrgyz Republic and the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan held a meeting of the Working Group to develop a draft Protocol on amendments and additions to the Agreement on the establishment of the Center dated May 17, 2013.

**AUGUST 3-4:** A meeting of the Working Group of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries was held within the framework of the Dialogue "Central Asia plus Japan", which resulted in the adoption of the final document - the Protocol.



**22-25 AUGUST:** The Center, together with the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Institute of Geography of the Republic of Kazakhstan, the Akimat of Almaty, KazNU named after Al-Farabi, - RSE "Kazhydromet", LLP "Kazinzhenergooproekt", Moscow State University named after M.V. Lomonosov, GU "Kazselezashchita", UNESCO, an international conference was held: "Mudflow safety: assessment, forecast, protection".



## 2017 year

**SEPTEMBER 18-22:** The Center, together with the Ministry of Internal Affairs of the Republic of Kazakhstan, the Deutsche Post DHL Group and the United Nations Development Program (UNDP) held a five-day training in the Academy of Civil Aviation in Almaty for training and assessing emergency preparedness for Almaty International Airport.

**SEPTEMBER 25:** The Center, together with ESCAP, with the participation of representatives of state bodies of the countries of Central Asia, the South Caucasus, Russia, international and non-governmental organizations, held a Regional seminar on the topic: "Presentation of the report on disasters in the Asia-Pacific region in 2017".

**SEPTEMBER 26:** The Center, together with the FAO, "NCPC "Orleu", the Republican Institute for Advanced Training of Managers and Scientific and Pedagogical Personnel of the Education System of the Republic of Kazakhstan, held a training seminar on the topic "Disaster Risk Reduction in Secondary Education Organizations".

**SEPTEMBER 27-29:** The Center, together with UNISDR, held a final knowledge management workshop "Effective implementation of the Sendai Framework for Disaster Risk Reduction in the CASC region within the framework of the DIPECHO IX Program project.

**OCTOBER 03:** The Center, together with the Ministry of Internal Affairs of the Republic of Kazakhstan and UNDP of Kazakhstan, within the framework of the project: "Strengthening the resilience of communities to negative external impacts and improving the efficiency of flood risk management in the Almaty region", held a Republican seminar-training "Exchange of experience and best practices in risk management floods for a catalytic effect and increase the potential of regional departments of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan".

**OCTOBER 6:** The Center, together with UNISDR, celebrated the International Day for Disaster Risk Reduction.

**OCTOBER 11:** During a working visit to the Asian Center for Disaster Preparedness, Bangkok, Thailand, the Center signed a Memorandum of Understanding and Cooperation and Understanding in the field of DRR and Disaster with the Economic and Social Commission for Asia and the Pacific (ESCAP).

**OCTOBER 17-19:** The Center, together with UN OCHA, held a QGIS Regional Workshop for Central Asia, which was aimed at building capacity in the field of obtaining, processing information and mapping.

**OCTOBER 9-13:** The Center, together with JICA, with the participation of representatives of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic, international and non-governmental organizations, held a Regional Seminar: "Earthquake Risk Reduction and Seismic Design".

**OCTOBER 19:** The Center, together with the Red Cross and Red Crescent Society of Europe and Central Asia, held the Regional Forum on Disaster Risk Reduction - 2017 "Climate: responding to a global challenge."

**OCTOBER 23-26:** The Center, together with the United Nations Environment Program (UNEP) and the Regional Office for the Coordination of Humanitarian Affairs for the Caucasus, Central Asia and Ukraine (OCHA ROKCA), conducted two regional trainings:

- Training of Master Trainers on Environmental Emergency Assessment and FEAT (Fast Assessment Tool) Integration - **October 23-24, 2017.**
- Training on Environmental Emergency Assessment and FEAT (Fast Assessment Tool) Integration - **October 25-26, 2017.**

**NOVEMBER 9-10:** A forum was held by the Center and the European Union to summarize 14 years of implementation of programs in Central Asia and about 100 DIPECHO projects.

**NOVEMBER 16:** The Center signed a Memorandum of Understanding and Cooperation in the field of DRR and Emergencies with the Kazakh-German University.

## 2017 year

**NOVEMBER 22-24:** The Center, together with UNDP in the Kyrgyz Republic and the Asian Center for Disaster Risk Reduction, conducted a Regional training: “Monitoring systems, early warning, GIS technologies in the field of disaster risk reduction”.

**4-5 DECEMBER:** the delegation of the Center during the working mission visited and held official meetings with leaders and representatives of:

- European Commission Directorate for Civil Protection and Humanitarian Assistance (ECHO).
- European Commission Directorate for International Cooperation and Development.
- Coordinating Center for Emergency Response of the European Commission.
- International Civil Defense Organization,
- United Nations Office for Disaster Risk Reduction for Europe.

The parties reached agreements on interaction and cooperation in the field of DRR and emergency situations.

**DECEMBER 14:** The Center organized and held a Coordination Meeting with representatives of state bodies of Kazakhstan, Kyrgyzstan, Afghanistan, international and non-governmental organizations, scientific institutions to discuss the results of the Center's work in 2017 and priority areas of activity for 2018.



## 2017 YEAR – MAIN RESULTS OF THE CENTER

- At the initiative of the Center, in March 2017 in Dushanbe, under the chairmanship of the Tajik side, with the technical and financial support of UNDP in the Kyrgyz Republic, a Regional Meeting of the Heads of Emergency Situations Agencies of the Central Asian countries on disaster risk reduction was organized and held as part of the Dialogue “Central Asia plus Japan”.
- On July 14, 2017, on the basis of the final document of the Regional Platform for DRR-Dushanbe Declaration on DRR, the Center was delegated the status of a resource center for the implementation of priority areas of activity of the Sendai Framework for DRR for 2015-2030 in the region of Central Asia and the South Caucasus.
- At the initiative of the Center, in August 2017 in Almaty, under the chairmanship of the Kazakh side with the technical and financial support of international organizations, a meeting of the Working

Group (experts) of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries was organized and held.

- The Center has developed and is implementing the Strategic Directions for the Center's activities until 2030, approved by the Decision of the Council of the Center.

- The Center has concluded 14 Memorandums of Understanding and Cooperation with international and non-governmental organizations, scientific institutions, namely with:

1. Central Asian Institute of Applied Geosciences (CAIAG).
2. UNDP Regional Office for Europe and the CIS, Istanbul (UNDP).
3. International Federation of Red Cross and Red Crescent Society, Red Crescent Society of the Republic of Kazakhstan, National Red Crescent Society of the Kyrgyz Republic.
4. Kokshetau Technical Institute of the Ministry of Internal Affairs of the Republic of Kazakhstan.
5. United Nations Children's Fund (UNICEF).
6. Asian Disaster Preparedness Center, Bangkok, Thailand;
7. United Nations Office for DRR.
8. All-Russian Center for Disaster Medicine "Protection" of the Ministry of Health of the Russian Federation.
9. United Nations Economic and Social Commission for Asia and the Pacific (ESCAP).
10. KazNU named after. Al-Farabi.
11. Almaty University of Energy and Communications (AUES).
12. Kazakh - German University.
13. International Civil Defense Organization.
14. Kyrgyz-Russian Slavic University.

- The Center, by attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency, has implemented or is currently implementing the following projects in the field of DRR and emergency situations:

1) UNDP project in the Kyrgyz Republic "Strengthening the capacity of integrated risk management in the Kyrgyz Republic and regional cooperation in Central Asia". Implementation period: 2016-2020;

2) UNDP project in Kazakhstan "Strengthening the resilience of communities to negative external impacts and improving the effectiveness of flood risk management in the Almaty region." Implementation period: 2017;

3) UNISDR and OCHA project "Humanitarian Implementation Plan – 2017". Implementation period: 2017;

4) Component of the Focus Humanitarian Assistance project to improve the methodology for assessing damage, losses and needs from emergencies in the Republic of Tajikistan. Implementation period: 2017;

5) Component 1.3. "Strengthening local capacity to respond to emergencies" of the World Bank project "Strengthening Disaster Risk Management in the Kyrgyz Republic. Implementation period: 2017-2019.

- The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and held 33 international events (conferences, forums, seminars, trainings, meetings, meetings ...) in the field of disaster risk reduction and emergency situations.

1,064 people took part in these events, exchanged experience, gained new knowledge, improved their skills in the field of disaster risk reduction and emergency situations, including:

- o 477 representatives of state bodies of the Republic of Kazakhstan.
- o 106 representatives of state bodies of the Kyrgyz Republic.
- o 121 representatives of state bodies of the Central Asian countries and other states.
- o 66 representatives of scientific institutions and independent experts.
- o 294 representatives of international and non-governmental organizations.

- 1 meeting of the Council of the Center was held.

## 2018 year

• **JANUARY 31 - FEBRUARY 1:** The Center, together with ESCAP, held an expert group meeting of Central Asian countries on the development of statistical geospatial indicators for DRR and disasters.

**FEBRUARY 2:** The fifth meeting of the Council of the Center took place in Almaty.

The Council of the Center made the following major decisions:

- On holding a regional training on strengthening the readiness of the forces and means of the Parties with the participation of international organizations on the basis of the Center.
- On intensifying the efforts of the Parties to further expand the membership of the Centre.
- Approval of the Center's report for 2016 and 2017.



**27-28 FEBRUARY:** The Center, together with the UN Office for DRR, held a Regional technical workshop on the launch of the Sendai Framework Monitoring System.

**MARCH 1:** The Center took part in the work of the Round Table of the Mazhilis of the Republic of Kazakhstan, organized by the Committee of the Chamber on International Affairs, Defense and Security on the topic "On the state and prospects for the development of the state system for the prevention and elimination of emergency situations."



## 2018 year

**APRIL 17 - 19:** Within the framework of the Finnish-Kyrgyz project FINKMET, the Center held a seminar with the participation of the hydrometeorological services of the countries of Central Asia on the topic: "Creating a joint approach to support the professional development of specialists in hydrometeorological services and the distance learning system in Central Asia."



**APRIL 26:** A meeting of the working group (experts) of the Regional Forum - Meeting of the heads of emergency departments of Central Asian countries was held as part of the dialogue "Central Asia plus Japan".



**APRIL 27:** The Center, with the technical support of the UNDP Istanbul Office, organized and held a Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries.

The heads of delegations and representatives of the emergency departments of the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan, the Republic of Uzbekistan - participants of the Regional Forum - Meeting of the heads of emergency departments of the countries of Central Asia, based on the signing of the Protocol, adopted the following main decisions:

In order to carry out further actions to develop and strengthen regional and international cooperation in the field of disaster risk reduction, prevention and elimination of emergency situations, especially large-scale and transboundary ones,

Approved:

1. Regulations on the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries.
2. Framework for strengthening regional cooperation between the Central Asian countries in the field of disaster risk reduction, prevention and elimination of emergency situations.
3. Action plan for the implementation of the Framework for strengthening regional cooperation in the field of DRR, prevention and elimination of emergencies in the Central Asian countries for 2018-2020.
4. The concept of creating a "Regional Register of national and international specialists - experts in the field of seismic, environmental, fire, radiation, industrial, hydrogeological and other areas of safety."
5. The concept of creating a "Regional Scientific and Technical Council for Emergency Situations";
6. The concept of creating a "Regional Register of Forces and Means of the Central Asian Countries for the Purpose of Carrying Out Rescue Operations on Their Territory in the Event of Large-Scale and Cross-Border Emergencies."
7. Proposal to hold the next Regional Forum - the Meeting of the Emergency Departments of the Central Asian countries within the framework of the Dialogue "Central Asia plus Japan" in 2019 in the Kyrgyz Republic.

Agreed to further consider and inform the secretariat of the Regional Forum on the decision taken on:

1. Proposal for the establishment of a "Regional Coordination Mechanism for Response to Emergencies of Large and Transboundary Nature".
2. The proposal of the International Civil Defense Organization (ICDO) on the creation of a Regional (Central Asian) subsystem of the World Network of Disaster Control Centers under the auspices of the International Monitoring and Coordination Center (ICMC) of the ICDO.
3. Draft Joint Statement of the Heads of Emergency Departments of the Central Asian countries on strengthening regional cooperation in the field of disaster risk reduction, prevention and elimination of emergency situations, which will be presented by the delegation of the Republic of Kazakhstan at the Asian Ministerial Conference on Disaster Risk Reduction, 2018, Ulaanbaatar, Mongolia.



## 2018 year

**MAY 4:** The Center signed a Memorandum of Understanding and Cooperation in the field of DRR and Emergencies with Abay Kazakh National Pedagogical University.

**MAY 4:** The Center held online talks with MapAction, a leading British non-governmental organization, during which an agreement was reached on the joint implementation of project activities in the field of mapping and the creation of a mapping data bank.

**MAY 18:** in Bishkek, the Center took part in the fourth meeting of the Joint Board of the Ministry of Emergency Situations of the Kyrgyz Republic and the Ministry of Internal Affairs of the Republic of Kazakhstan.



**MAY 23 - 25:** The Center, together with UNDP in Kyrgyzstan, within the framework of the program "Strengthening the capacity of integrated risk management in the Kyrgyz Republic and regional cooperation in Central Asia", funded by the Government of Japan, held a seminar "Monitoring systems, early warning, GIS technologies in the field of risk reduction Disaster Risk Reduction" for the relevant employees of government bodies of the Central Asian countries, with the involvement of trainers from the Asian Center for Disaster Risk Reduction in Kobe, Japan.



## 2018 year

**JUNE 5-6:** The Center, together with the Department of Emergency Situations of Almaty, FAO NCPC "Orleu", the Republican Institute for Advanced Training of Leadership and Scientific and Pedagogical Personnel of the Education System, the UN Children's Fund and the UN Office for DRR held a Republican seminar "Disaster Risk Reduction in institutions of secondary education."

**JUNE 12 - 15:** The Center held a round table with students of KazNU. Al-Farabi on the topic: "Central Asia: Modern threats and challenges of natural and man-made nature. Measures to reduce the risk of disasters, protect the population and territories from emergencies".



**JUNE 19-20:** at the Center, under the chairmanship of the Kazakh side, a staff training was held in preparation for the special tactical exercises "Rock - 2018" with units of the emergency departments of the CSTO member states allocated to the formations of the special forces of the Collective Rapid Reaction Forces (FSSN CRRF) CSTO. This event was held with the participation of representatives of the emergency departments of the Republic of Armenia, the Republic of Belarus, the Republic of Kazakhstan, the Kyrgyz Republic, the Russian Federation, the Republic of Tajikistan and the CSTO Secretariat.

**JUNE 26-27:** The Center participated in the Second Sub-Regional Disaster Risk Reduction Platform in Yerevan, Armenia, during which the progress of disaster loss reduction programs and the Sendai Framework for DRR was discussed.



**JUNE 26-27:** The Center in Yerevan signed a Memorandum of Understanding and Cooperation in the field of DRR and Emergencies with the Ministry of Emergency Situations of Armenia.

## 2018 year

**JULY 16-20:** The Center organized and held a working meeting with representatives of the British non-governmental organization "MapAction" and employees of authorized bodies in the field of prevention and elimination of natural and man-made emergencies of the Republic of Kazakhstan and the Kyrgyz Republic.

During the meeting, the main aspects of mapping in case of emergencies were discussed, the main needs for mapping emergencies were identified, as well as the creation of a data bank of maps for the Republic of Kazakhstan and the Kyrgyz Republic.

**AUGUST 20:** The Center entered into a Memorandum of Understanding and Cooperation with MapAction, a leading British NGO dedicated to mapping natural and man-made emergencies.

**SEPTEMBER 12:** The Center, together with the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, organized and held the eleventh meeting of the Coordinating Council for Emergency Situations of the Member States of the Collective Security Treaty Organization under the chairmanship of the Kazakh side.



**25-26 SEPTEMBER:** The Center, together with the UNECE, held a sub-regional workshop on strengthening industrial safety in Central Asia through the implementation and accession to the UNECE Convention on the Transboundary Effects of Industrial Accidents.

During this international event, delegates from Central Asian countries presented the results of the project "Strengthening industrial safety in Central Asia through the implementation and accession to the UNECE Convention on the Transboundary Effects of Industrial Accidents" to international donors, partners and discussed ways for future cooperation.



## 2018 year

**OCTOBER 9:** The Center, together with the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, FAO NTSPK "Orleu", the Republican Institute for Advanced Training of Managers and Scientific and Pedagogical Personnel of the Education System of the Republic of Kazakhstan, within the framework of advanced training courses for deputy directors of schools on educational work of the Republic of Kazakhstan, held a seminar on the topic: "Disaster Risk Reduction in Secondary Education Organizations"..



**OCTOBER 12:** The sixth meeting of the Council of the Center was held at the Center.

The Council of the Center adopted the following decisions:

- Approve the Unified Register of Forces and Means of the Republic of Kazakhstan and the Kyrgyz Republic for carrying out emergency rescue operations on their territory in the event of emergency situations.
- Approve a joint project between UNICEF and the Center for UAVs on the use of unmanned aircraft in order to prevent and respond to emergencies with a focus on vulnerable groups of the population.



## 2018 year

**OCTOBER 15 - 19:** The Center, together with the Regional Office of the International Committee of the Red Cross in Central Asia and the Ministry of Internal Affairs of the Republic of Kazakhstan, conducted a training for the training of instructors in first aid for victims of natural and man-made emergencies.



**OCTOBER 16-17:** The Center, together with the UN Office for the Coordination of Humanitarian Affairs, held a training seminar on information management in emergencies for the staff of the Center.



**OCTOBER 22-26:** The Center, together with OCHA, conducted a training for employees of the Committee for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan on “Geoinformation systems, mapping and data management”.

**OCTOBER 31:** The Center and UN OCHA jointly conducted a training of trainers on conducting coordinated disaster risk assessments using the MIRA methodology.

**OCTOBER 30 - NOVEMBER 1:** The delegation of the Center took part in the anniversary Asian Conference on Disaster Reduction.



## 2018 year

**NOVEMBER 01 - 02:** The Meeting of the Working Group of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries was held within the framework of the Dialogue "Central Asia plus Japan", which resulted in the adoption of the final document - the Protocol.



**NOVEMBER 5 - 10:** The Center, together with the ICDO, organized and conducted a five-day training for psychologists of the Committee for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan, National Red Crescent Societies on the topic "Work of psychologists in emergency situations, psychological support of personnel."

The seminar was conducted by highly qualified teachers according to the curriculum of employees of the Federal State Institution "Center for Emergency Psychological Assistance of the Ministry of Emergency Situations of Russia", who have extensive practical experience in the field of psychological support for specialists involved in the elimination of the consequences of emergencies and the provision of emergency psychological assistance to victims.



## 2018 year

**NOVEMBER 22 - 23:** The Center, together with the UNICEF Regional Office for Europe and Central Asia, conducted a regional training on the topic "Basic obligations towards children during humanitarian operations."



**NOVEMBER 21-23:** The Center's delegation took part in the European Forum on Disaster Risk Reduction, Rome, Italy.



**DECEMBER 10-14:** The Center, together with MapAction, conducted a training session for employees of the Ministry of Emergency Situations of the Kyrgyz Republic on the work of geographic information systems, the work of headquarters for the prevention and elimination of natural and man-made emergencies with data in the field of mapping.



## 2018 year

**4-6 DECEMBER:** A delegation of the Center attended the Tenth Meeting of the Conference of the Parties to the UNECE Convention on the Transboundary Effects of Industrial Accidents, Geneva, Switzerland. The Center and the secretariat of the UNECE Convention exchanged official letters of intent for further cooperation.

**DECEMBER 17:** In Moscow, the Director of the Center V. Petrov held a working meeting with the First Deputy Minister of the Russian Federation for Emergency Situations A. Chupriyanov.

During the meeting, issues of joint cooperation between the Center and the Ministry of Emergency Situations of the Russian Federation in the field of prevention and elimination of natural and man-made emergencies were discussed.



**DECEMBER 18-19:** In Tehran, Iran, a delegation from the Center participated in a high-level expert consultation on disaster information management organized by the Asia-Pacific Center for the Development of Disaster Information Management (APDIM) ESCAP.

**December 24:** The Center organized and held a working meeting of experts of the diving services of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic.

During the meeting, experts from diving services discussed plans for cooperation in the field of diving. As a result of the working meeting, a protocol was signed and a draft plan of joint activities was developed to further develop cooperation in the field of diving.

**December 27:** The Center signed a work plan for cooperation with UNICEF on the development of unmanned aircraft in order to prevent and eliminate the consequences of emergencies with a focus on vulnerable groups of the population, primarily children and adolescents.

## 2018 - MAIN RESULTS OF THE CENTER

- ◆ The Center signed 6 memorandums of cooperation and understanding in the field of DRR and emergency situations, including:
  1. FOCUS Humanitarian assistance in Tajikistan.
  2. International scientific and technical center.
  3. Kazakh National Pedagogical University.
  4. Ministry of Emergency Situations of Armenia.
  5. British NGO MapAction;

6. Secretariat of the UNECE Convention on the Transboundary Effects of Industrial Accidents.Центром,

- ◆ by attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency, the following projects in the field of DRR and emergency situations have been implemented or are currently being implemented:

1) UNDP project in the Kyrgyz Republic "Strengthening the capacity of integrated risk management in the Kyrgyz Republic and regional cooperation in Central Asia".

Implementation period: 2016-2020;

2) Project of the UNDP Regional Office, Istanbul, Turkey "Airports prepared for disasters". Implementation period: 2018-2019;

3) UNICEF project "Development of unmanned aircraft in order to prevent and eliminate the consequences of emergencies with a focus on vulnerable groups of the population." Implementation period: 2018-2019;

4) UNICEF project "Analysis of existing humanitarian stocks / reserves in case of emergencies and assessment of the potential for timely response of Governments and other partners in the countries of Central Asia and the South Caucasus". Implementation period: 2018;

5) MEPACTION project "Geoinformation systems, mapping and data processing". Implementation period: 2018-2019;

6) Component 1.3. "Strengthening local capacity to respond to emergencies" of the World Bank project "Strengthening Disaster Risk Management in the Kyrgyz Republic". Implementation period: 2017-2019.

- ◆ At the initiative of the Center, in April and November 2018 in Almaty, under the chairmanship of the Kazakh side with the technical and financial support of international organizations, two meetings of the Working Group (experts) of the Regional Forum - Meeting of the Heads of Emergency Departments of the Central Asian countries were organized and held..
- ◆ At the initiative of the Center, in April 2018 in Almaty, under the chairmanship of the Kazakh side with the technical and financial support of the UNDP Regional Office in Istanbul and UNDP in the Kyrgyz Republic, the Regional Forum - Meetings of the Heads of Emergency Departments of the Central Asian countries was organized and held.

During the High-Level Regional Forum-Meeting, the heads of delegations of the Central Asian countries discussed and adopted protocol decisions on strengthening and developing regional cooperation in the field of disaster risk reduction, prevention and elimination of emergency situations in the Central Asian region..

- ◆ The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and held 22 international events (conferences, forums, seminars, trainings, meetings, meetings ...) in the field of disaster risk reduction and emergency situations.

604 people took part in these events, exchanged experience, gained new knowledge, improved their skills in the field of disaster risk reduction and emergency situations, including:

o 277 representatives of state bodies of the Republic of Kazakhstan.

o 81 representatives of state bodies of the Kyrgyz Republic.

o 81 representatives of state bodies of the Central Asian countries and other states.

o 18 representatives of scientific institutions and independent experts.

o 147 representatives of international and non-governmental organizations.

- ◆ At the initiative of the Center, by the Decision of the Council of the Center, a Unified Register of forces and means of the Republic of Kazakhstan and the Kyrgyz Republic was formed to carry out rescue operations on their territory in case of emergency.
- ◆ The Center provided assistance in holding the eleventh meeting of the Coordinating Council for Emergency Situations of the CSTO member states, chaired by the Kazakh side.

- ◆ 2 meetings of the Council of the Center were held.

## 2019 year

**JANUARY 17:** The Center organized and held a Coordination Meeting of the Center with representatives of the Ministry of Foreign Affairs of Kazakhstan, Kyrgyzstan, Afghanistan, international and non-governmental organizations, scientific institutions - partners of the Center.

The meeting was devoted to discussing the main results of the Center's work in 2018 and the priority areas of joint activities for 2019, as part of the implementation of programs and projects in the field of disaster risk reduction, prevention and elimination of emergency situations at the regional level.



**JANUARY 22:** in Zhambyl district, Almaty region, the Center conducted the first stage of field test flights of unmanned aerial vehicles, as part of the implementation of the Cooperation Plan between the United Nations Children's Fund (UNICEF) and the Center for the Development of Unmanned Aviation in order to prevent and eliminate the consequences of emergencies with a focus on vulnerable groups of the population for the period 2018-2019.



## 2019 year

**FEBRUARY 15:** a meeting of the Executive Council of the NGO "Red Crescent Society of the Republic of Kazakhstan" was held at the Center to discuss the results of 2018, the implementation of the Plan for 2018 and the approval of the Plan for 2019 along with the budget and regulations of the Society. в Центре проведено заседание Исполнительного Совета ОО «Общества Красного Полумесяца Республики Казахстан» по обсуждению итогов 2018 года, выполнения Плана 2018 года и утверждение Плана на 2019 вместе с бюджетом и положениями Общества.



**FEBRUARY 26-27:** in Almaty, representatives of the Center took part in the Forum on Financial Protection from Natural Disasters in Central Asia.

The Forum, organized by the World Bank, was attended by delegations from the countries of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, who exchanged views and experience on financial protection and insurance against natural disasters in their countries. The organizers invited leading experts in home and property insurance, agricultural insurance from Spain, India, Turkey and other countries.



**FEBRUARY 27:** The Center in cooperation with the United Nations Children's Fund (UNICEF) held a Regional Review Workshop for disaster specialists in Central Asia.

During the workshop, the participants explored the possibilities of using drones to prevent and reduce the risks of natural disasters. Companies supplying unmanned aerial vehicles spoke in detail about the cases in which drones could significantly facilitate the work of emergency response specialists.

## 2019 year

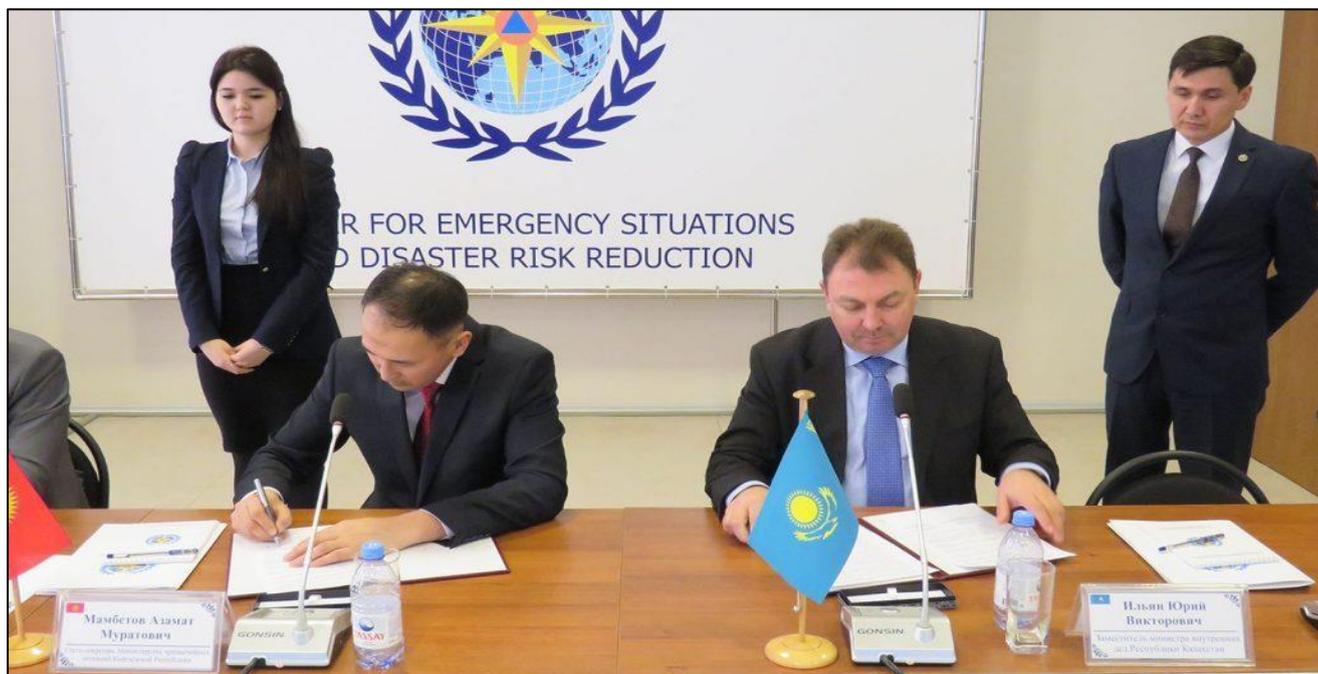
**FEBRUARY 28:** The Center, together with UNICEF, conducted the second field training "Use of unmanned aerial vehicles in search and rescue operations (SAR) and identification of fires in mountainous areas", as part of a test corridor in the Zhambyl district of Almaty region, for employees of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan.



**MARCH 5:** The Center hosted the seventh meeting of the Council of the Center.

The Council of the Center adopted the following decisions:

- The Minister of Emergency Situations of the Kyrgyz Republic was elected Chairman of the Council of the Center for 2019.
- Approved documents regulating the activities of the Center.



## 2019 year

**MARCH 13-14:** The Center, together with the UNESCO Cluster Office, organized and conducted a Regional Seminar on mobilizing youth and young professionals in the field of science on disaster risk reduction in Central Asia.

The objectives of the seminar were to strengthen the scientific potential of young specialists in the field of DRR and to popularize the application of scientific achievements in matters of population protection among young people. The seminar was attended by university students, young specialists from scientific institutions of Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan.



**APRIL 3:** The Director of the Center held Skype talks with the Secretary General of the International Civil Defense Organization (Geneva), Mr. Belkas Elketrousi.

During the negotiations, the Center and ICDO summed up the results of cooperation for 2018 and reached agreements on the implementation of a number of joint projects in 2019.



**APRIL 8-12:** The Center, together with the ICRC, organized and conducted a national training for the training of instructors in first aid for the population affected by natural and man-made emergencies.

**APRIL 15:** in Bishkek, the Center organized and conducted a kick-off workshop to launch a joint project of FAO in the Kyrgyz Republic, the Ministry of Emergency Situations of the Kyrgyz Republic and the Center

“Capacity Building for Disaster Risk Reduction and Disaster Preparedness in the Agricultural Sector of the Kyrgyz Republic”.

**APRIL 16:** The Center concluded a Memorandum of Understanding and Cooperation with the Joint Stock Company "Research Institute of Fire Safety and Civil Defense" of the Committee for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan.



**APRIL 18:** The Center held a working meeting with students of the Kazakh-German University and representatives of the UNESCO Chair on Water Resources Management in Central Asia at the KGU. The meeting was held within the framework of cooperation between the Center and higher educational institutions of Kazakhstan and Kyrgyzstan.



**MAY 13-17:** The Center and MapAction conducted a cluster specialized training on geographic information systems and mapping for employees of the Department of Emergency Situations of Kostanay, Akmola, North Kazakhstan regions and the Kokshetau Technical Institute of the Committee for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan.

**MAY 15:** in the Yereymentau district of the Akmola region, the Center, together with the UN Children's Fund, conducted another test of UAVs to reduce the risks of natural disasters in order to timely detect forest and steppe fires, as well as monitor the situation and organize planned work to prevent floods. Testing of unmanned aerial vehicles was held with the participation of representatives of UNICEF, the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Department of Emergency Situations of the city of Nur-Sultan, the Department of Emergency Situations of the Akmola region, the Kokshetau Technical Institute of the CoES, the State Enterprise "Kazavialesokhrana", the Committee for Forestry and Wildlife of the Ministry of Agriculture of the Republic of Kazakhstan, the Akimat of the Yereymentau region, the KSU "Ereymenau forestry institution", the national natural park "Buirata" at".



**MAY 13-17:** in Geneva, Switzerland, the Center's delegation took part in the Sixth Session of the Global Platform for Disaster Risk Reduction. The Global Platform has become an important milestone in the implementation of the Sendai Framework for Disaster Risk Reduction 2030.

**MAY 21:** in Nur-Sultan, the Center, together with the United Nations Children's Fund (UNICEF), held a round table on the use of unmanned aircraft in the interests of children in the field of emergency prevention and response. The round table was held with the participation of representatives of the emergency departments of Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, the Embassy of the Russian Federation in the Republic of Kazakhstan, as well as international organizations - the European Union, the UN Development Program and the International Civil Defense Organization.



**MAY 20-24:** The Center and MapAction conducted a cluster training on geoinformation systems and mapping for employees of the Committee for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Department for Emergency Situations of the city of Nur-Sultan, and the

Department for Emergency Situations of the Karaganda region at the site of the Central Control Center of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan.

**MAY 24:** The Center and UNICEF held a partnership meeting on the results of the capacity review and the development of recommendations for developing the Center's capacity.

**JUNE 6-7:** The Center, together with the UNICEF Regional Office for Europe and Central Asia and the IFRC and KP, conducted a Regional training on providing cash assistance in the event of a major earthquake in Central Asia, including the use of social safety nets.

**JUNE 10-14:** The Center and the ICDO conducted a five-day training for 45 psychologists of the territorial divisions of the Committee for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan on the topics: "Psychological assistance to children and people with disabilities affected by emergency situations" and "Innovative methods of providing emergency psychological assistance, mental regulation and self-regulation".».



**JUNE 18-20:** The Center, together with FAO, held a three-day training workshop. "How to correctly calculate the damage and losses in the agricultural sectors caused by natural disasters of various types and scales, what methodology should be used to collect information so that data collected in countries and regions of the world can be analyzed, aggregated and compared, and what data will be required for this" - these and other critical issues were considered during the training seminar.



## 2019 year

**11-13 JUNE:** In Kokshetau, the Secretariat of the United Nations Economic Commission for Europe (UNECE) Industrial Accidents Convention held an introductory international workshop on assessment within the framework of the UNECE project to strengthen the safety of mining operations, in particular tailings in Central Asia.

The event was attended by representatives of the State authorities for industrial development and industrial safety of the countries of Central Asia, the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, experts in ecology and the environment, Dnipro State Technical University (Ukraine), project participants, the UNECE Convention on Industrial Accidents, as well as an employee of the Center.



**JUNE 21:** Employees of the Center took part as observers in the meeting-seminar on ensuring water safety "Balkhash-2019" held in Priozersk, Karaganda region.

During the gathering-seminar, the improvement of methods and ways of outreach and education of the population on water safety measures was discussed. In the practical part of the gathering, rescuers demonstrated various methods of search and rescue on the water. Also, the visit to the base was part of the preparation for the international training to improve the skills of divers of the emergency departments of the Central Asian countries.



**JUNE 24-28:** The Center and MapAction conducted another cluster training on geoinformation systems, data and mapping for employees of the Department of Emergency Situations of the city of Almaty, the Department of Emergency Situations of the East Kazakhstan region, the Department of Emergency Situations of Pavlodar and the Department of Emergency Situations of Almaty region of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan.



**JULY 11:** in the city of Bishkek, the Center, together with the Ministry of Emergency Situations of the Kyrgyz Republic, held a meeting of the working group (experts) of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries as part of the dialogue "Central Asia plus Japan".

**JULY 12:** in the city of Bishkek, the Center, under the chairmanship of the Ministry of Emergency Situations of the Kyrgyz Republic, organized and held the next Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries as part of the dialogue "Central Asia plus Japan".

The work of the Regional Forum, held with the technical and financial support of the Government of Japan, the UN Development Program, the World Bank, was attended by more than 60 people - leaders and representatives of the countries of Central Asia, Afghanistan, UN agencies, donor, international and non-governmental organizations.



**Heads of delegations of emergency departments of the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan, the Republic of Uzbekistan - participants of the Regional Forum - Meeting of the heads of emergency departments of the countries of Central Asia, on the basis of the signing of the protocol:**

**Approved:**

1. Regulations on the Regional Scientific and Technical Council for Emergency Situations.
2. Regulations on the Regional Register of Experts in the field of Civil Protection / Defense, disaster risk reduction, prevention and liquidation of emergencies.
3. Regulations on the Regional register of forces and means of the countries of Central Asia for conducting rescue operations on their territory in case of emergency.
4. Action Plan (Roadmap) for the implementation of the Framework for Strengthening Regional Cooperation among the Central Asian Countries in the Field of Disaster Risk Reduction, Prevention and Elimination of Emergencies for 2019-2021.

**Decided:**

1. Form the Regional Scientific and Technical Council for Emergency Situations as a public expert and advisory body of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries, and instruct the Secretariat of the Regional Forum to organize its activities in accordance with the approved Regulations.
2. To form a Regional Register of experts in the field of Civil Protection/Defence, disaster risk reduction, prevention and liquidation of emergency situations.
3. To form a Regional Register of forces and means of the countries of Central Asia for conducting emergency rescue operations on their territory in the event of an emergency.
4. The Secretariat of the Regional Forum to develop a draft concept for the use (sharing of flight data) by the emergency departments of the countries of Central Asia of unmanned aerial vehicles.
5. Approve the Action Plan (Roadmap) for the implementation of the Framework for Strengthening Regional Cooperation among the Central Asian Countries in the Field of Disaster Risk Reduction, Prevention and Elimination of Emergencies for 2019-2021.
6. Work out the issue of holding the next Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries in 2020 (or 2021) in the Republic of Uzbekistan.
7. Provide support and assistance to the emergency departments of the countries of Central Asia in the implementation of Regional programs and projects on disaster risk management in Central Asia, funded by donor agencies and international organizations.

**19-23 AUGUST:** The Center and MapAction in Shymkent held a cluster training on geoinformation data and mapping for employees of the Department of Emergency Situations of the city of Shymkent, the Department of Emergency Situations of the Turkestan Region, the Department of Emergency Situations of the Kyzylorda Region and the Department of Emergency Situations of the Zhambyl Region of the CoES Ministry of Internal Affairs of the Republic of Kazakhstan.

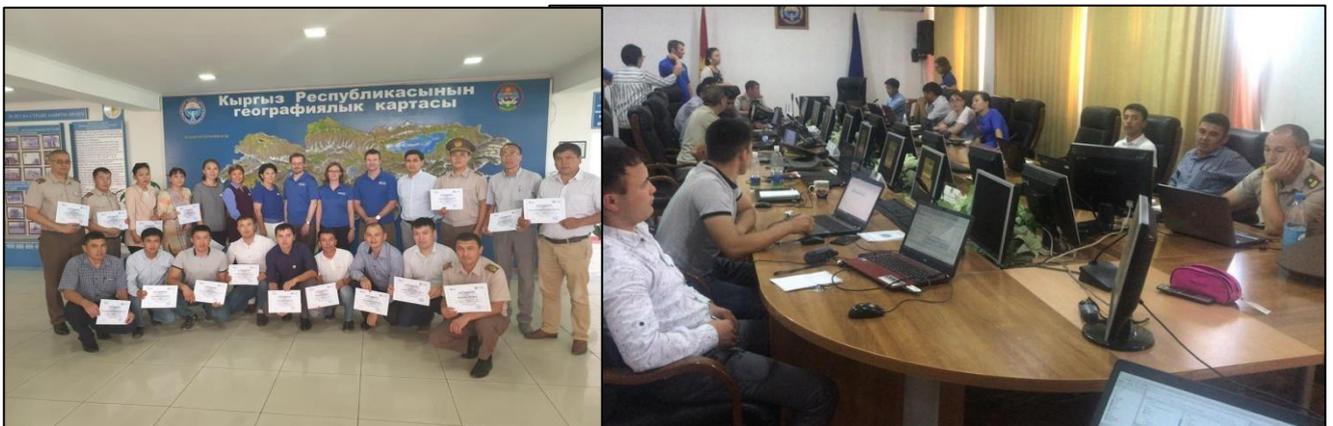


## 2019 year

**21 AUGUST:** in Dushanbe, Tajikistan, the Center took part in the Regional Conference on Disaster Risk Reduction and the Implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 in Central Asia.



**26-30 AUGUST:** in Osh city, Kyrgyz Republic, the Center and MapAction held another cluster training on geographic information systems, data and mapping for employees of the Ministry of Emergency Situations of the Kyrgyz Republic.



**SEPTEMBER 24:** in the Uzgen district of the Osh region, the Center, within the framework of the FAO project in the Kyrgyz Republic, conducted a training on the development of reporting documents on the impact of emergency situations and natural hazards on the agricultural sectors at the district level (agriculture, hunting and forestry, fisheries) and the preparation of DRR plans.



## 2019 year

**SEPTEMBER 30:** The Center organized and conducted training for the experts of the Center and UNICEF on processing post-flight data using specialized software obtained from various types of UAVs, with the possibility of transferring data to the Control Center of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan.



**OCTOBER 2-3:** The Center, together with the Istanbul Regional Center and the UNDP Country Office, held a Regional Workshop on Disaster Risk Reduction, taking into account gender aspects.



**OCTOBER 4:** The Center in Bishkek, within the framework of the FAO project in the Kyrgyz Republic “Strengthening the capacity for disaster risk reduction and disaster preparedness in the agricultural sector of the Kyrgyz Republic”, held a meeting of technical working groups to discuss the structure and content of a standard semi-annual regular report on the impact of emergencies and natural hazards on the agricultural sectors.



## 2019 year

**OCTOBER 9:** The eighth meeting of the Council of the Center was held in Bishkek.

The Council of the Center made the following decisions:

- Ukashev Dzhergalbek Isakeevich was appointed to the post of director of the Center.
- Khasenov Marat Maidanovich was appointed to the position of the Deputy Director of the Center.
- Approved the Center's capacity development strategy for 2019-2021.



**NOVEMBER 6-7:** The regular 15th working meeting of experts from the Republic of Kazakhstan and the People's Republic of China on the analysis and prevention of threats from moraine (glacial) lakes in the Khorgos River basin was held at the Center's site.

**NOVEMBER 12-13:** The Center, together with UNICEF and IFRC and KP, with the support of USAID, conducted a Regional training on supply and logistics in emergency situations in the context of a major earthquake in Central Asia.



## 2019 year

**NOVEMBER 18-19:** The Centre, together with UNEP and EEC, held Regional consultations on the draft Global Tailings Management Standard.



**NOVEMBER 20-21:** The Center, together with the UN Economic Commission for Europe, held a Sub-regional workshop on strengthening the safety of tailings in Central Asia, within the framework of UNECE projects to strengthen the safety of mining operations, in particular tailings, in Kazakhstan, Tajikistan and beyond in Central Asia.



**NOVEMBER 21-22:** in Ulaanbaatar, Mongolia, a representative of the Center took part in national consultations within the framework of the project “Resolving the cross-border aspects of the 2030 Agenda through regional economic cooperation and integration in the Asia-Pacific region”.

## 2019 year

**DECEMBER 3:** Representatives of the Center took part in the Coordination Meeting of the Youth Network for Disaster Risk Reduction, held by the UNESCO Office in Almaty, where a representative of the Center made a presentation on the role of the Center in science in the field of disaster risk reduction.



**DECEMBER 5:** The Center, with the financial support of the World Bank, held the first organizational meeting of the Regional Scientific and Technical Council for Emergency Situations within the framework of the program “Strengthening financial stability and accelerating disaster risk reduction in Central Asia”.

The meeting, in addition to employees of emergency departments and scientific institutions of the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan and the Republic of Uzbekistan, was attended by representatives of the European Union, the World Bank, UNESCO and UNISDR.

Mr. Moldobekov B.D., Co-Director of the Central Asian Institute of Applied Geosciences, was elected Chairman of the Regional Scientific and Technical Council for Emergency Situations by the decision of the meeting.



## 2019 year

**DECEMBER 6:** The Center, together with the World Bank, within the framework of the program "Strengthening financial resilience and accelerating disaster risk reduction in Central Asia" held a Regional meeting with experts from Central Asian countries on disaster risk assessment of a large-scale and transboundary nature.



**IN DECEMBER:** The Center signed an Agreement with the United Nations Office for DRR (UNDRR) for the implementation of a three-year Regional Project (2020-2022) "Strengthening regional cooperation and facilitation of the implementation of the Sendai Program in Central Asia" as an implementing partner.

## 2019 - MAIN RESULTS OF THE CENTER'S ACTIVITIES

- ◆ The Center concluded 3 Memorandums of Cooperation and Mutual Understanding in the field of DRR and Emergencies, including:
  1. JSC "Research Institute of Fire Safety and Civil Defense";
  2. Kazakh National Agrarian University;
  3. United Nations Office for DRR (UNDRR).
  - At the initiative of the Center, in July 2019 in Bishkek, under the chairmanship of the Kyrgyz side with the technical and financial support of international organizations, a meeting of the Working Group (experts) of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries was organized and held.
  - At the initiative of the Center, in July 2019 in Bishkek, under the chairmanship of the Kyrgyz side with the technical and financial support of UNDP in the Kyrgyz Republic, a Regional Forum - Meetings of the Heads of Emergency Departments of the Central Asian countries was organized and held.

During the high-level forum meeting, the heads of delegations of the emergency departments of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan discussed and adopted protocol decisions on strengthening and developing regional cooperation in the field of disaster risk reduction, prevention and elimination of emergency situations in the Central Asian region.

  - At the initiative of the Center, by the decisions of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries:
    - *Established, and with the organizational and technical support of the Center, launched the activities of the Regional Scientific and Technical Council for Emergency Situations;*
    - *The Regional Register of experts in the field of Civil Protection/Defence, disaster risk reduction, prevention and liquidation of emergency situations was formed;*

- *The Regional Register of forces and means of the countries of Central Asia has been formed to carry out emergency rescue operations on their territory in the event of an emergency..*

The Center developed and approved by the Decisions of the Regional Forum - Meeting of the heads of emergency departments of the countries of Central Asia:

- 1) Regulations on the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries;
  - 2) Framework for strengthening regional cooperation between the countries of Central Asia in the field of disaster risk reduction, prevention and elimination of emergency situations;
  - 3) Action Plan for the implementation of the Framework for strengthening regional cooperation in the field of DRR, prevention and elimination of emergencies in the Central Asian countries for 2018-2020;
  - 4) The concept of creating a "Regional Register of national and international specialists - experts in the field of seismic, environmental, fire, radiation, industrial, hydrogeological and other areas of safety";
  - 5) The concept of creating a "Regional Scientific and Technical Council for Emergency Situations";
  - 6) The concept of creating a "Regional Register of Forces and Means of the Central Asian Countries for the Purpose of Carrying out Emergency and Rescue Operations on Their Territory in the Event of Large-Scale and Cross-Border Emergencies";
  - 7) Regulations on the Regional Scientific and Technical Council for Emergency Situations;
  - 8) Regulations on the Regional Register of Experts in the field of Civil Protection / Defense, disaster risk reduction, prevention and liquidation of emergencies;
  - 9) Regulations on the Regional register of forces and means of the countries of Central Asia for conducting rescue operations on their territory in case of emergency;
  - 10) Action Plan (Roadmap) for the implementation of the Framework for Strengthening Regional Cooperation among the Central Asian Countries in the Field of Disaster Risk Reduction, Prevention and Elimination of Emergencies for 2019-2021.
- ◆ The Center, by attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency, has implemented or is currently implementing the following projects in the field of strengthening regional cooperation, disaster risk reduction and emergency prevention:
    - 1) UNISDR Project "Strengthening Regional Cooperation and Facilitating the Implementation of the Sendai Program in Central Asia". Implementation period: 2019-2022;
    - 2) UNICEF project "Review of the Center's capacity". Implementation period: 2019;
    - 3) UNDP project in the Kyrgyz Republic "Strengthening the capacity of integrated risk management in the Kyrgyz Republic and regional cooperation in Central Asia". Implementation period: 2016-2020;
    - 4) Project of the UNDP Regional Office, Istanbul, Turkey "Airports prepared for disasters". Implementation period: 2018-2019;
    - 5) UNICEF project "Development of unmanned aircraft in order to prevent and eliminate the consequences of emergencies with a focus on vulnerable groups of the population." Implementation period: 2018-2019;
    - 6) MEPACTION Project "Geoinformation Systems, Mapping and Data Management". Implementation period: 2018-2019;
    - 7) FAO project in the Kyrgyz Republic "Strengthening the capacity for disaster risk reduction and preparedness in the agricultural sector". Implementation period: 2019-2020;
    - 8) ESCAP project "Studies on the assessment of drought problems and drought monitoring models in Central Asia". Implementation period: 2019-2020;
    - 9) Component 1.3. "Strengthening local capacity to respond to emergencies" of the World Bank project "Strengthening Disaster Risk Management in the Kyrgyz Republic". Implementation period: 2017-2019.

On the initiative of the Center, in December 2019, in Almaty, with the technical and financial support of the World Bank, the first organizational meeting of the Regional Scientific and Technical Council for Emergencies was organized and held as part of the program “Strengthening financial stability and accelerating disaster risk reduction in Central Asia”.

- ◆ The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and held 21 international events (conferences, forums, seminars, trainings, meetings, meetings ...) in the field of disaster risk reduction and emergency situations.

750 people took part in these events, exchanged experience, gained new knowledge, improved their skills in the field of disaster risk reduction and emergency situations, including:

- o 296 representatives of state bodies of the Republic of Kazakhstan.
- o 65 representatives of state bodies of the Kyrgyz Republic.
- o 83 representatives of state bodies of the Central Asian countries and other states.
- o 33 representatives of scientific institutions and independent experts.
- o 273 representatives of international and non-governmental organizations.

- 2 meetings of the Council of the Center were held.

- For further development, with the support of UNICEF and the UNDP Regional Office in Istanbul, the Center's Capacity Development Strategy for 2019-2021 was developed, agreed with international and non-governmental organizations, approved by the decision of the Council of the Center in 2019 and is currently being implemented.

## 2020 year

**MARCH 3:** Deputy Director of the Center Mr. Khasenov M.M. a working Skype meeting was held with the Deputy Secretary General of the International Civil Defense Organization, Mr. A. Kudinov, to discuss promising areas for the development of bilateral cooperation for 2020.



**APRIL 16-17:** The Center and the United Nations Office for Disaster Risk Reduction (UNISDR), jointly organized and conducted a training workshop for ESDR staff on the monitoring system of the Sendai Framework for Disaster Risk Reduction 2015-2030 via videoconference.



**APRIL 22:** The Center, via videoconference, organized and held a Regional Consultative Meeting with representatives of regional and subregional offices: the UN Office for the Coordination of Humanitarian Affairs (Almaty, Bishkek, Dushanbe), the UN Development Program (Istanbul), the UN Office for Disaster Risk Reduction (Almaty), the UN Children's Fund (Almaty), the UN International Organization for Migration (Nur-Sultan), the World Bank (Almaty), the Red Society Crescent of the Republic of Kazakhstan (Almaty).

The participants of the Regional Consultative Meeting exchanged information on the situation with the COVID-19 coronavirus pandemic in the countries of Central Asia and the emergency measures taken by the international community to provide technical support and humanitarian assistance to governments in protecting the life and health of citizens, preventing the penetration and further spread of coronavirus infection.

**MAY 21:** The Center, via videoconference, held the first meeting of the joint working group of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic and the Center.

This working group was created in order to implement measures to integrate early warning systems of the Republic of Kazakhstan and the Kyrgyz Republic, by determining the technical capabilities of national early warning systems..

## 2020 year

**MAY 18 - 21:** The Center carried out a trip to the disaster zone in the Makhtaaral district of the Turkestan region of the Republic of Kazakhstan, caused by the breakthrough of the dam of the Sardoba reservoir on the territory of the Republic of Uzbekistan.

Representatives of the Center, together with the response team of the Red Crescent of Kazakhstan, in order to conduct a detailed assessment of the situation and determine the amount of necessary assistance to the affected population, made a detour to the settlements of Nurlyzhol, Zhanaturmys, Ferdowski, Orgebas, Dostyk and Zhenis, the most affected by the disaster.

As a result of the work carried out, measures were taken to ensure the constant exchange and updating of information about the affected population between the emergency response headquarters, the Center and the Red Crescent of Kazakhstan, which made it possible to deliver the necessary goods to the emergency zone as soon as possible for social support and life support for the population affected by the disaster.



## 2020 year

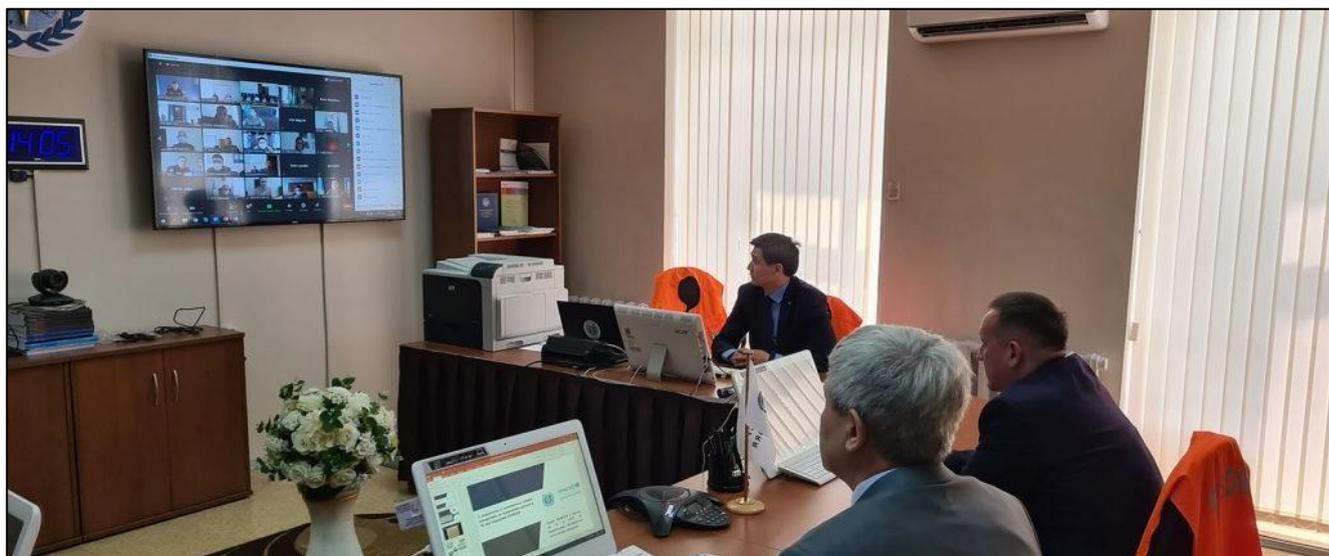
**MAY 21:** The first meeting of the joint working group of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic and the Center was held via videoconference. During the meeting, issues were discussed to determine the technical capabilities of the early warning system of the city of Almaty for integration with seismic sensors located on the territory of the Kyrgyz Republic.

Members of the joint working group noted that the implementation of the planned measures will allow the emergency departments of the Republic of Kazakhstan and the Kyrgyz Republic to increase the effectiveness of early warning systems.

**JUNE 12:** The Center and UNICEF organized and held a Virtual Session on the topic “Emergency Management and Disaster Risk Reduction in the Best Interests of Children: Sharing Knowledge and Good Practices between China and Kazakhstan”.

The target audience of the session was employees of the central office and territorial divisions of the Committee for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan, representatives of the National Center for Disaster Risk Reduction of the Ministry of Emergency Situations of China (NCDRS MES), representatives of the regional and country, Kazakhstani and Chinese offices of UNICEF and the Center.

During the session, the participants got acquainted with the latest trends in the development of preparedness and emergency response, disaster risk reduction in Kazakhstan, as well as the disaster management system in China and the use of UAVs in disaster risk management. The Center made a presentation on the results of the implemented joint project with UNICEF and the lessons learned from the initiative on the use of drones in emergencies, with a focus on vulnerable segments of the population.



**JULY 10:** The Center, via videoconference, organized and held the second Regional Consultative and Advisory Meeting with representatives of regional and subregional offices.

Having discussed in detail the current situation with the spread of the COVID-19 pandemic in the countries of Central Asia, the participants reached an agreement: to hold Regional Consultative and Advisory Meetings at least once a month; provide the Center with updated project implementation plans for further distribution to partners, taking into account the current situation in the region in connection with the spread of the COVID-19 pandemic.

**AUGUST 7:** Center participated in the first UNISDR Regional Online Workshop “Implementation of National Disaster Loss Databases – Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan”.

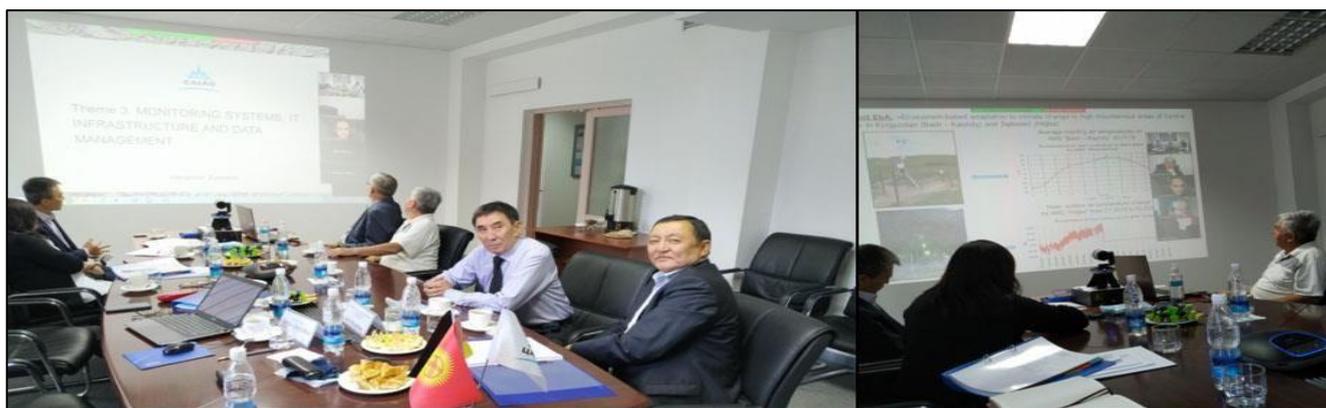
The seminar was held within the framework of the project on “Increasing disaster resilience and accelerating the implementation of the Sendai Framework for Disaster Risk Reduction in Central Asia”, implemented by the United Nations Office for Disaster Risk Reduction in cooperation with the CIMA Research Foundation and the Asian Center for Disaster Preparedness.

**SEPTEMBER 15:** The UN Office for Disaster Risk Reduction, together with the Center, within the framework of the project “Strengthening regional cooperation and facilitation of the implementation of the Sendai Program for Disaster Risk Reduction in Central Asia” conducted trainings on monitoring the Sendai Framework Program for Disaster Risk Reduction for 2015-2030 for representatives of state structures of Uzbekistan and Kazakhstan in the format of a videoconference.



**SEPTEMBER 25:** The Center took part in the regular meeting of the Consultative Commission of the Central Asian Institute for Applied Geosciences (CAIAG). During the meeting, the leaders and specialists of CAIAG presented the results of research and activities for 2019/2020 to the members of the Consultative Commission. in the following areas:

- hazardous geological processes and their manifestations in the region of Central Asia;
- temporal and spatial hydrological regimes of rivers and glaciers and their dynamics;
- geomonitoring and scientific services for operation, maintenance, data processing and data management of monitoring networks;
- capacity building, training courses, education and public relations.



## 2020 year

**OCTOBER 5 - 8:** The Center, within the framework of the project of the Center and the United Nations Children's Fund (UNICEF) "Development of unmanned aircraft in order to ensure the safety of territories and the population, including vulnerable groups from emergencies and disasters for 2020", held a training

in Nur-Sultan for specialists from the Ministry of Emergency Situations of the Republic of Kazakhstan on the use of unmanned aerial vehicles in the interests of preventing and eliminating natural and man-made emergencies. The training consisted of theoretical and practical parts, as well as exercises on post-flight processing of data obtained using UAVs using special software that allows processing the results of aerial photography of the area both in the visible spectrum and made with a multispectral camera.

The training resulted in the training of specialists from the Ministry of Emergency Situations of the Republic of Kazakhstan from 7 regions to manage unmanned aerial vehicles, create high-quality orthophotos, 3D building models, digital terrain and relief models, and elevation maps..



## 2020 year

**OCTOBER 13:** The Center, together with the UN Office for Disaster Risk Reduction, held a consultative meeting on October 13, 2020, dedicated to the International Day for Disaster Risk Reduction. This meeting was attended by representatives of regional and national offices of UN missions, the World Bank, the International Federation of Red Cross and Red Crescent Societies, CAIAG, the secretariat of the National Platform for Disaster Risk Reduction of the Kyrgyz Republic.



**OCTOBER 16:** The UNESCO Almaty Cluster Office, together with the United Nations Office for Disaster Risk Reduction, the Center and the Disaster Risk Reduction and Climate Change Youth Network (DACRYN), held an online event “Youth and Sendai 7” on the occasion of the International Day for Disaster Risk Reduction. The target audience was undergraduate, graduate and doctoral students studying areas related to DRR; youth and young professionals from NGOs and national agencies working in the field of DRR; young scientists from institutions and academia, as well as interested youth from Central Asian countries. More than 120 people took part in the event.



**2020 year**

**OCTOBER 19-21:** In order to implement the letter of agreement between the Food and Agriculture Organization of the United Nations (FAO) and the Center for the development of plans for disaster risk reduction and adaptation to climate change at the level of Aiyl aimaks and the preparation of a Model National Regular report (reports) on emergency situations and natural disasters in the agricultural sectors at the district level in the Kyrgyz Republic, an expert of the Center, together with representatives of the Ministry of Emergency Situations of the Kyrgyz Republic, made a working trip to Uzgen district of the Osh region of the Kyrgyz Republic.



**OCTOBER 20-23:** The Center, within the framework of the project of the Center and the United Nations Children's Fund (UNICEF) "Development of unmanned aircraft in order to ensure the safety of territories and the population, including vulnerable groups from emergencies and disasters for 2020", held another training in the city of Taraz for specialists from the Ministry of Emergency Situations of the Republic of Kazakhstan of the southern region of the country on the use of unmanned aerial vehicles in the interests of preventing and eliminating natural and man-made emergencies.



## 2020 year

**NOVEMBER 13:** The ninth meeting of the Council of the Center chaired by the Kazakh side was held at the Center for Emergency Situations and Disaster Risk Reduction.

The ninth meeting was attended by the Minister for Emergency Situations of the Republic of Kazakhstan Ilyin Yu.V. and the Minister of Emergency Situations of the Kyrgyz Republic Azhikeev B.E., as well as the representative of Afghanistan, an observer state at the Center, Chargé d'Affaires of the Embassy of the Islamic Republic of Afghanistan in the Republic of Kazakhstan Azizullah Omar.

At the meeting, the Council members were presented with the results of the Center's work in 2020 and priority areas of activity for 2021, as well as information on the implementation of the Center's Capacity Development Strategy for 2019-2021.



**NOVEMBER 20:** The second meeting of the Regional Scientific and Technical Council for Emergency Situations was held via video conference.

The meeting, in addition to the members of the RNTS, was attended by representatives of the World Bank, UNESCO and UNSDRO.

Members of the RSTC discussed proposals for the introduction of innovative information and communication technologies in disaster risk management in Central Asia and the use of UAVs to ensure the safety of territories and the population, and also got acquainted with the experience of CAIAG, the Institute of Geology, Seismic Engineering and Seismology of the Academy of Sciences of Tajikistan, the Institute of Geomechanics and Subsoil Development of the National Academy of Sciences of Kyrgyzstan in the study of hazardous natural processes and phenomena.



## 2020 year

**NOVEMBER 24-27:** Within the framework of the United Nations Children's Fund in Kazakhstan (UNICEF) project "Development of unmanned aircraft to ensure the safety of territories and population, including vulnerable groups from emergencies and disasters for 2020", the Center conducted a regional training in Kyrgyzstan, the city of Bishkek (with online backup) on the use of unmanned aerial vehicles in the interests of preventing and eliminating natural and man-made emergencies for specialists from the countries' emergency departments Central Asia, China and international organizations.



**DECEMBER 10:** The Center held a meeting of the Working Group on preparations for the Regional Consultative Meeting on strengthening regional cooperation in the field of disaster risk reduction and the implementation of the Sendai Program for DRR in Central Asia, consisting of employees of the emergency departments of the Central Asian countries.

**DECEMBER 11:** Within the framework of the United Nations Office for Disaster Risk Reduction Initiative "Increasing Resilience to Disasters and Accelerating the Implementation of the Sendai Framework for Disaster Risk Reduction in Central Asia", funded by the European Union, a Regional Consultative Meeting was held in Bishkek to strengthen regional cooperation in disaster risk reduction and the implementation of the Sendai Program for DRR in Central Asia.

The delegations of the countries discussed the implementation of the Action Plan (Roadmap) for the implementation of the Framework for strengthening regional cooperation between the countries of Central Asia in the field of DRR and emergencies for 2019-2021, adopted in 2019 by the Regional Forum - a meeting of the heads of emergency departments of the countries of Central Asia.

The participants of the Regional Meeting were presented with the draft of the Regional DRR Strategy developed by the CESRR within the framework of the Initiative funded by the European Union. This strategy, aimed at reducing the risk of large-scale transboundary disasters, provides for the issues of improving information exchange, joint risk assessment, training programs for emergency departments of the region, and increasing awareness of existing and possible new threats.



## 2020 - MAIN RESULTS OF THE CENTER

По инициативе At the Center's initiative, organizational support was created for the work of the Working Group of Experts of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan and the Ministry of Emergency Situations of the Kyrgyz Republic to implement joint coordinated measures to integrate early warning systems for earthquakes in the Republic of Kazakhstan and the Kyrgyz Republic. On May 21, 2020, the first meeting of the joint working group of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic and the Center was held via videoconference.

- Since March 2020, the Center has been organizing and conducting work to collect, summarize, analyze and exchange information about the situation, problems, needs and requests of the countries of Central Asia to respond to and eliminate the consequences of the spread of the coronavirus COVID-19 at the national and regional levels, including through:
  - Development and dissemination to stakeholders of the daily "Up-to-date information on the situation with the spread of the COVID-19 pandemic in the countries of Central Asia";
  - Holding Regional Consultative and Advisory Meetings with representatives of regional and subregional offices of international and non-governmental organizations to discuss issues of disaster risk reduction, emergencies and the COVID-19 pandemic in the countries of Central Asia.
- On an ongoing basis, the Center organizes and conducts work on the collection, generalization, analysis and exchange of operational information in the field of emergency situations through the development and communication to stakeholders of the daily "Operational information on emergency situations in the Republic of Kazakhstan and the Kyrgyz Republic".
- At the initiative of the Center, in April 2020, a Regional consultative and advisory meeting was organized and held via videoconference with representatives of regional and subregional offices: the UN Office for the Coordination of Humanitarian Affairs (Almaty, Bishkek, Dushanbe), the UN Development Program (Istanbul), the UN Office for Disaster Risk Reduction (Almaty), the UN Children's Fund (Almaty), Международной организации по миграции ООН (Нур-Султан), Всемирного банка (Алматы), The Red Crescent Society of the Republic of Kazakhstan (Almaty). The participants of the Regional Consultative Meeting exchanged information on the situation with the COVID-19 coronavirus pandemic in the countries of Central Asia and the emergency measures taken by the international community to

provide technical support and humanitarian assistance to governments in protecting the life and health of citizens, preventing the penetration and further spread of coronavirus infection.

- ◆ At the initiative of the Center and ICDO, since 2018, organizational support has been provided to establish cooperation and interaction between the diving services of Kazakhstan and Kyrgyzstan. In 2021, with the direct support of the Center and ICDO, it is planned to conduct trainings for the diving service of the Ministry of Emergency Situations of the Kyrgyz Republic to improve the skills of diving services of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan on the basis of a water rescue station in the city of Priozersk, Kazakhstan.
- ◆ The Center, in May-June 2020, coordinated with the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan and assisted the Red Crescent of Kazakhstan in providing humanitarian assistance to the population of the Turkestan region of the Republic of Kazakhstan, affected by the flood that occurred as a result of the breakthrough of the dam of the Sardoba reservoir of the Republic of Uzbekistan.
- ◆ The Center, together with the UN Office for Disaster Risk Reduction, in order to contribute to the achievement of the Global Targets identified by the Sendai Program for Disaster Risk Reduction for 2015-2030 and within the framework of the project "Strengthening regional cooperation and facilitation of the implementation of the Sendai Program for Disaster Risk Reduction in Central Asia" in September 2020 conducted instructional and methodological sessions on monitoring the implementation of the Sendai Framework Program for Disaster Risk Reduction for 2015-2030 years for representatives of state structures of Central Asian countries.
- ◆ The Center, together with UNICEF in the Republic of Kazakhstan, carried out a number of activities to develop unmanned aircraft in order to ensure the safety of territories and the population, taking into account the interests of vulnerable groups.
- ◆ Within the framework of the United Nations Office for Disaster Risk Reduction Initiative "Increasing resilience to disasters and accelerating the implementation of the Sendai Framework for Disaster Risk Reduction in Central Asia", funded by the European Union, on December 11 in Bishkek, a Regional Consultative Meeting was held to strengthen regional cooperation in the field of disaster risk reduction and the implementation of the Sendai Program for DRR in Central Asia..
- ◆ The Center, by attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency, has implemented or is currently implementing the following projects in the field of strengthening regional cooperation, disaster risk reduction and emergency prevention:
  - 1) UNICEF project "Development of unmanned aircraft in order to ensure the safety of territories and the population, including vulnerable groups from emergencies and disasters for 2020". Implementation period: 2018-2021;
  - 2) UNISDR Project "Strengthening Regional Cooperation and Facilitating the Implementation of the Sendai Program in Central Asia". Implementation period: 2019-2022;
  - 3) FAO project in the Kyrgyz Republic "Strengthening the capacity for disaster risk reduction and preparedness in the agricultural sector". Implementation period: 2019-2021;
  - 4) UNDP project in the Kyrgyz Republic "Strengthening the capacity of integrated risk management in the Kyrgyz Republic and regional cooperation in Central Asia". Implementation period: 2016-2020;
  - 5) MapAction project for mapping. Implementation period: 2018-2021;
  - 6) World Bank Program "Strengthening Financial Resilience and Accelerating Disaster Risk Reduction in Central Asia". Implementation period: 2019-2022;

7) ESCAP project “Studies on drought assessment and drought monitoring models in Central Asia”. Implementation period: 2019-2020;

8) UNSDDR Project - Component on Strengthening the Center's Expertise in Strengthening Regional Cooperation (by providing the Center with three DRR experts to strengthen regional coordination with the emergency departments of Tajikistan, Turkmenistan and Uzbekistan) Implementation period: 2020.

The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and held 17 international events (conferences, forums, seminars, trainings, meetings, meetings) in the field of disaster risk reduction and emergency situations.

422 people took part in these events, exchanged experience, gained new knowledge, improved their skills in the field of disaster risk reduction and emergency situations, including:

- o 88 representatives of state bodies of the Republic of Kazakhstan.
  - o 30 representatives of state bodies of the Kyrgyz Republic.
  - o 59 representatives of state bodies of the Central Asian countries and other states.
  - o 5 representatives of scientific institutions and independent experts.
  - o 240 representatives of international and non-governmental organizations.
- 
- 1 meeting of the Council of the Center was held.
  - 1 meeting of the Regional Scientific and Technical Council was held.

## 2021 year

**JANUARY 11:** The World Bank, together with the Center, held the second online meeting, which was attended by members of the Regional Scientific and Technical Council, national coordinators of the Sendai Framework for DRR, representatives of the European Union, experts from scientific institutions of Central Asian countries and international organizations.

The meeting participants listened to and discussed the revised preliminary report of the Consortium headed by RED Risk Engineering + Development, and also presented their comments, recommendations and proposals that need to be taken into account when conducting a regional disaster risk assessment of earthquakes, river and rain floods, and individual landslides.

As a result of this event, an agreed decision was made to hold such meetings and workshops to discuss the implementation of the Program "Strengthening Financial Resilience and Accelerating Disaster Risk Reduction in Central Asia" on a regular basis, as well as the need to submit materials and documents and expand constructive dialogue in electronic format.



## 2021 year

**FEBRUARY 2-5:** The Center, within the framework of the project of the Center and the United Nations Children's Fund (UNICEF) "Development of unmanned aircraft in order to ensure the safety of territories and the population, including vulnerable groups from emergencies and disasters for 2020", conducted another training in the city of Kokshetau for the teaching staff and cadets of the Kokshetau Technical Institute of the Ministry of Emergency Situations of the Republic of Kazakhstan on the use of unmanned aerial vehicles in the interests of preventing and eliminating emergency situations of natural and man-made nature.

The result of the training was the improvement of the qualifications of the teaching staff of the Kokshetau Technical Institute and the training of future employees of the emergency departments of the three countries in the management of unmanned aerial vehicles, the creation of high-quality orthophotos, three-dimensional building models, digital terrain and relief models, and height maps.



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## ТРЕНИНГ ПО ИСПОЛЬЗОВАНИЮ БПЛА



## 2021 year

**FEBRUARY 09:** At the initiative of the Center for Emergency Situations and Disaster Risk Reduction (hereinafter referred to as the Center), on the basis of the DES of Almaty, a regular meeting of a joint working group was held from among the representatives of the DES of Almaty of the Ministry of Emergency Situations of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic, the Institute of Seismology, the Central Asian Institute of Applied Geosciences, the developers of the Darmen system and the Center. As a result of the meeting, a visit to the Central Asian Institute of Applied Geosciences is planned for a detailed study of the mechanisms of integration with the warning system of the Kyrgyz Republic.



## 2021 year

**FEBRUARY 09:** At the initiative of the Center for Emergency Situations and Disaster Risk Reduction (hereinafter referred to as the Center), on the basis of the DES of Almaty, a regular meeting of a joint working group was held from among the representatives of the DES of Almaty of the Ministry of Emergency Situations of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic, the Institute of Seismology, the Central Asian Institute of Applied Geosciences, the developers of the Darmen system and the Center. As a result of the meeting, a visit to the Central Asian Institute of Applied Geosciences is planned for a detailed study of the mechanisms of integration with the warning system of the Kyrgyz Republic



## 2021 year

**FEBRUARY 16:** The Center took part in the meeting of the Emergency Response Coordination Group and the Coordination Meeting of the Ministry of Emergency Situations of the Kyrgyz Republic. During the Coordination Meeting of the Ministry of Emergency Situations of the Kyrgyz Republic, the Center presented to all participants the main results of the Center's activities from 2016 to 2020 on strengthening regional and international cooperation in the field of disaster risk reduction and adaptation to climate change. During his speech, the Director of the Center presented to the heads and representatives of donor agencies, international and non-governmental organizations the priority areas of the Center for 2021-2023 and submitted for consideration more than 10 new project proposals in the field of DRR and emergency situations.



## 2021 year

**MARCH 17:** The Center held a regional training with the participation of an expert of the Asian Disaster Preparedness Center (ADPC) Mr. Bill Ho and the Head of the Secretariat of the National Platform of the Kyrgyz Republic for DRR Mr. Almabek Aydakeev.

They shared useful experiences and practices in the preparation of Sendai reporting. The training was held in an interactive and trusting atmosphere.

The Center, as a Regional Resource Center for monitoring the Sendai Framework Program in the region of Central Asia and the South Caucasus, together with UNISDR, in order to contribute to the achievement of the Global Targets identified by the Sendai Program for DRR for 2015-2030 and within the framework of the project "Strengthening regional cooperation and facilitation of the implementation of the Sendai Program for DRR in Central Asia" conducted instructive and methodological exercises on monitoring the implementation of the Sendai Framework Program for representatives of government agencies of Central Asia :

- March 9, 2021 for representatives of the Republic of Kazakhstan.
- March 10, 2021 for representatives of the Republic of Uzbekistan.
- March 11, 2021 for representatives of Tajikistan.

- March 12, 2021 for representatives of the Republic of Turkmenistan.
- March 13, 2021 for the representative of the Kyrgyz Republic..



## 2021 year

**APRIL 2:** The UNDP Regional Office for Europe and the CIS with the support of the Center, within the framework of the global GARD program "Airport Disaster Preparedness", held an online webinar on airport preparedness for emergencies with the participation of representatives of the Ministry of Emergency Situations of Kyrgyzstan, the Ministry of Emergency Situations of Kazakhstan, the personnel of Manas and Almaty international airports. During the webinar, the GARD program developed by Deutsche Post DHL and UNDP was presented, and familiarization training was conducted on the airport disaster assessment mission.

In accordance with the agenda of the webinar, the experience of Armenia and Kazakhstan in assessing the readiness of international airports was presented.

The participants shared their useful experience and noted the importance of this event for the countries of Central Asia and the need for further continuation of this work. Thus, representatives of the Manas airport showed interest in such an assessment, in turn, the Center expressed its readiness to provide, with the support of the Ministry of Emergency Situations of Kyrgyzstan, assistance in promoting the above program in the Central Asian region.

As a result of the discussion, all interested parties agreed on the need to take coordinated and coordinated measures to strengthen the readiness of international airports in Kazakhstan and Kyrgyzstan to work in emergency situations based on the use of advanced international experience and practice.



## 2021 year

**APRIL 20:** As part of the implementation of the technical cooperation project “Strengthening the capacity for disaster risk reduction and disaster preparedness in the agricultural sector of the Kyrgyz Republic”, representatives of FAO, the Ministry of Emergency Situations of the Kyrgyz Republic, the Ministry of Agriculture, Water Resources and Regional Development, the Center for Emergency Situations and Disaster Risk Reduction in Bishkek held a joint meeting of technical working groups to discuss and agree on draft plans for DRR and adaptation to climate change at the local level and a standard report on emergencies and natural disasters disasters at the district level.

During the joint meeting of the TWG, the experts discussed and tentatively agreed on:

- Structure and content of Plans for Disaster Risk Reduction and Adaptation to Climate Change at the local level (at the level of Aiyl aimags);
- Structure and content of a typical regular report on the impact of emergencies and natural hazards on the agricultural sectors of the region (agriculture, hunting and forestry, fisheries);
- Recommendations to improve the existing policy and methodology for reporting on the impact of emergencies and natural hazards on agricultural sectors at the district level (agriculture, hunting and forestry, fisheries);
- Other documents and materials aimed at strengthening the capacity for disaster risk reduction and disaster preparedness in the agricultural sector of the Kyrgyz Republic.

The participants of the joint meeting of the TWG made an agreed decision that the experts of the interested ministries and departments of the Kyrgyz Republic and international organizations will

additionally consider and within two weeks present their comments and proposals on each of the submitted documents, and the experts of the Center will finalize their final versions and submit them for consideration to the participants of the final national seminar in June 2021.



## 2021 year

**MAY 17-18:** A meeting of a joint working group on the implementation of measures to integrate early warning systems of the Republic of Kazakhstan and the Kyrgyz Republic was held in Bishkek, the Kyrgyz Republic.

On May 17, 2021, representatives of the Department of Emergency Situations of Almaty, the Institute of Seismology, Seismological Experimental and Methodological Expedition LLP, the developers of the Darmen system and the Center visited the Crisis Management Center under the Ministry of Emergency Situations of the Kyrgyz Republic. During the visit, the guests from Kazakhstan got acquainted with the activities of the CUC, including the National Integrated System for Informing and Alerting the Population (OKSION), the 112 Kyrgyzstan mobile application.

On May 18, 2021, a regular meeting of the joint working group was held on the basis of the Central Asian Institute of Applied Geosciences (CAIAG).

During the meeting of the joint working group, the following issues were discussed:

- data exchange: stations, protocols, software and others;
- the possibility of using the DARMEN system in Kyrgyzstan;
- multilateral cooperation agreement.

At the end of the meeting, the meeting participants got acquainted with the activities of CAIAG, the results achieved in the field of studying the processes of global and regional changes and their impact on the environment, monitoring hazardous natural processes and phenomena, assessing multidisciplinary risks, reducing vulnerability to disasters, applied research in the areas of geodynamics and geocatastrophes, geoecology, technical infrastructures and data management.

As a result of the next meeting of the joint working group, a decision was reached on the implementation of organizational and technical measures for the mutual transfer of data from the servers of the SOME (Almaty) and the Central Control Center under the Ministry of Emergency Situations of the Kyrgyz Republic (Bishkek).



## 2021 year

**MAY 24:** in the city of Priozersk, Karaganda region, the grand opening of the Training Center for the training of rescuers of the Ministry of Emergency Situations of the Republic of Kazakhstan took place with the participation of Akim of the Karaganda region Kassymbek Zh.M., First Vice-Minister for Emergency Situations of the Republic of Kazakhstan Kulshimbaev I.D. and Deputy Director of the Center Aubakirov S.G.

In addition, the leadership of the Ministry of Emergency Situations of the Republic of Kazakhstan and the Center launched a two-week master training for rescue divers of the Ministry of Emergency Situations of the Republic of Kazakhstan, organized by the Center with the technical and financial support of the International Civil Defense Organization (ICDO)

Experienced master trainers of the Academy of Civil Protection of the Ministry of Emergency Situations of Russia and the Ministry of Emergency Situations of the Kyrgyz Republic were invited as trainers on the basis of the Republican Rescuer Training Center in Priozersk, Karaganda region, on the waters of Lake Balkhash.

As a result of the training course, rescue divers of the Republic of Kazakhstan will receive certificates and qualification documents for divers of groups 1-2, some of which will later be able to train their colleagues, rescue divers, as master trainers.

In addition, within the framework of the joint project of the Center and the ICDO, it is planned to revise and improve the training programs for rescue divers, develop and implement for practical use uniform standards for the training of rescue divers in the countries of Central Asia.



**Торжественное открытие Учебного Центра подготовки спасателей МЧС РК в г. Приозерск**

## 2021 year

**JULY 01 - 04:** The Center took an active part in the events dedicated to the 30th anniversary of the Ministry of Emergency Situations of the Kyrgyz Republic, in Bishkek.

As part of the celebration, the work of the International Scientific and Practical Conference on the topic: “NATIONAL INITIATIVES IN THE FIELD OF DISASTER RISK REDUCTION AND ADAPTATION IN CONDITIONS OF CLIMATE CHANGE” dedicated to the 30th anniversary of the Ministry of Emergency Situations of the Kyrgyz Republic was held. The conference discussed general thematic areas for disaster risk reduction and adaptation to climate change, as well as global directions for the sustainable development of countries.

On July 2, 2021, representatives of the Center took part in the meeting of the Joint Scientific and Technical Council and the XXXIII meeting of the Interstate Council for Natural and Technogenic Emergencies.

During all the events and framework meetings, the leadership and representatives of international organizations and emergency departments - participants, have repeatedly noted the increasing role and potential of the Center in strengthening cooperation in the field of ensuring security and reducing disaster risks in the Central Asian region.



**2021 year**

**JULY 28-29:** In the city of Tashkent, under the chairmanship of the Uzbek side, a meeting of the Working Group (experts) of the Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries was held.

The experts of the Central Asian countries discussed and agreed on the following draft documents proposed for discussion at the upcoming Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries in November 2021:

1. Draft "Strategy for the development of cooperation between the countries of Central Asia in the field of disaster risk reduction for 2022-2030".
2. Draft "Regional Disaster Risk Profile of Central Asian Countries".
3. Draft Regulations "On the Regional Coordination Mechanism for Response to Emergency Situations of a Transboundary Nature".
4. Draft Action Plan (Roadmap) for 2022-2023 for the implementation of the Strategy for the Development of Cooperation between the Countries of Central Asia in Disaster Risk Reduction for 2022-2030.
5. The project "Concepts for the use of unmanned aerial aircraft in order to reduce the risk of disasters, prevent and eliminate emergencies in the countries of Central Asia."

These documents are aimed at implementing practical measures to develop and deepen regional cooperation in the field of disaster risk reduction and strengthening preparedness to respond to emergencies, especially of a transboundary nature, and also provide for issues of improving information exchange, joint assessment of disaster risk factors, implementing programs and projects in the field of disaster risk reduction and adaptation to climate change, improving awareness of existing and newly emerging risks, further development, transition to a new, higher quality level of regional cooperation between the Central Asian countries in the field of DRR and emergencies.



28-29 июля 2021 года, г. Ташкент, Узбекистан

**ЗАСЕДАНИЕ РАБОЧЕЙ ГРУППЫ (ЭКСПЕРТОВ)  
РЕГИОНАЛЬНОГО ФОРУМА – СОВЕЩАНИЯ ГЛАВ ЧРЕЗВЫЧАЙНЫХ ВЕДОМСТВ  
СТРАН ЦЕНТРАЛЬНОЙ АЗИИ**



**2021 year**

**4-7 AUGUST, 10-13 AUGUST:** Within the framework of the National Disaster Risk Management Project, experts from the Center for Emergency Restoration of the Republic of Tajikistan conducted trainings with specialists from state institutions of the Republic of Tajikistan. These events are the second part of a series of trainings for specialists in the field of disaster risk reduction in government agencies of the country.

The main objectives of the training:

- learning of the concepts and key aspects of disaster risk management by the participants of the training;
- increased knowledge of the concepts of integrating CI and DRM into sectoral policies, plans, programs and actions of national institutions
- development of operational skills to establish/strengthen interagency/intersectoral partnerships to integrate CI and DRM into their sectoral programs, plans and actions.
- increasing the capacity of participants to conduct advocacy and raise awareness of the GoT on the inclusion of CI and DRM in its national institutions, programs, projects, plans and actions.

37 people took part in the trainings: representatives of the CoES and Civil Defense under the Government of the Republic of Tajikistan, as well as specialists from emergency departments of a number of other ministries and departments. The course on updating Disaster Risk Management and Adaptation to Climate Change in government institutions was conducted in six modules.

These trainings will allow specialists of emergency departments of ministries and departments to actively apply the acquired knowledge and skills in their work on the inclusion of DRM and AEC in sectoral policies, plans, programs and actions of national institutions and for outreach.



## 2021 year

**AUGUST 31 - SEPTEMBER 06:** The Center provided technical and organizational support during the XVI World Championship among men and the VII World Championship among women in fire and rescue (fire-applied) sports, which was held in Karaganda. At the same time, the specialists of the Center prepared photo and video materials using UAVs, which were transferred to the NGO "Sports Federation of Firefighters and Rescuers".

The championship was attended by 14 teams from nine countries, firefighters-rescuers competed in climbing the assault ladder, overcoming a 100-meter obstacle course, combat deployment and a 4x100-meter fire relay race.





## 2021 year

**SEPTEMBER 16:** The World Bank, together with the Center, held the third online meeting on the topic: “Presentation of the Seismic Hazard Assessment Report”, organized as part of the activities of the World Bank Program under the management of the Global Fund for Disaster Reduction and Recovery “Strengthening Financial Resilience and Accelerating Disaster Risk Reduction in Central Asia” (FSDDR Program), funded by the European Union.

This event was attended by members of the Regional Scientific and Technical Council, national coordinators of the Sendai Framework for DRR, representatives of the European Union, representatives of emergency departments of Central Asian countries.

The participants of the meeting heard and discussed the reports of the Consortium headed by RED Risk Engineering + Development on the main aspects of the study, components, content and final results, the goals and timing of the seismic hazard assessment, as well as the structure of the report and its chapters, on the introduction of a new model for the probabilistic assessment of seismic hazard as part of the implementation of the UFUSDRR Program, and also presented their comments, recommendations and proposals that need to be taken into account when conducting a regional earthquake disaster risk assessment.



## 2021 year

**08 OCTOBER:** The tenth meeting of the Council of the Center chaired by the Kazakh side was held at the Center for Emergency Situations and Disaster Risk Reduction. The tenth meeting was attended by the Minister for Emergency Situations of the Republic of Kazakhstan Ilyin Yu.V. and Minister of Emergency Situations of the Kyrgyz Republic Azhikeev B.E.

More than 20 international organizations involved in disaster risk reduction in the countries of Central Asia, together with the Center, were connected online, such as UNISDR, UNICEF, UNESCO, OSCE, World Bank, UNDP, ICDO and many others.

At the meeting, the results of the work of the Center for 2021 and priority areas of activity for 2022 were presented to the members of the Council.

During the meeting, international organizations provided information on the implementation of joint projects with the Center in the field of civil protection, adaptation to climate change and emergency situations in the countries of Central Asia. In their speeches, all partners highly appreciated the ongoing joint work with the Center, and expressed their firm intention on the advisability of further work in Central Asia through the Center's platform.

Of great interest to the participants of the meeting was the pilot project on the integration of early warning systems for earthquakes in the Republic of Kazakhstan and the Kyrgyz Republic, initiated by the Center this year.

In turn, the heads of emergency departments noted this area as one of the priorities and instructed to intensify the efforts of the parties to integrate early warning systems for earthquakes and other possible emergencies, as well as to more effectively use the Center's potential in the practical implementation of international programs and projects in the field of disaster risk reduction, strengthening preparedness to respond to emergencies and provide humanitarian assistance.



## 2021 year

**OCTOBER 11 - 14:** The Center for Emergency Situations and Disaster Risk Reduction, within the framework of the UN Children's Fund in Kazakhstan (UNICEF) project "Development of unmanned aircraft to ensure the safety of territories and the population, including vulnerable groups from emergencies and disasters for 2021", conducted a training in Kokshetau on the use of unmanned aerial vehicles in the interests of preventing and eliminating natural and man-made emergencies. The training was held for cadets of the 2nd and 3rd courses of the Academy of Civil Protection named after M. Gabdullin of the Ministry of Emergency Situations of the Republic of Kazakhstan, in which, along with citizens of Kazakhstan, cadets from Kyrgyzstan are trained. The training consisted of theoretical and practical parts, as well as exercises on post-flight processing of UAV data using special software that allows processing the results of aerial photography of the area both in the visible spectrum and made with a multispectral camera. The result of the training was the training of 74 cadets of the Civil Aviation Department of the Ministry of Emergency Situations of the Republic of Kazakhstan in the management of UAVs, the creation of high-quality orthophotomaps, three-dimensional models of buildings, digital terrain and relief models.



## 2021 year

**NOVEMBER 05:** The next Regional Forum - Meeting of the Heads of Emergency Departments of the Central Asian countries was held in Tashkent.

This high-level event took place on November 4-5, 2021 as part of the UNSDDR initiative “Building resilience to disasters and accelerating the implementation of the Sendai Framework for DRR in Central Asia”, funded by the European Union.

More than 50 people took part in the work of the Regional Forum - delegations headed by the heads of emergency departments of the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan and the Republic of Uzbekistan, representatives of UN agencies, donor, international and non-governmental organizations.

During the Regional Forum, the following documents were discussed and approved:

- Strategy for the development of cooperation between the countries of Central Asia in the field of disaster risk reduction for 2022-2030.

- Regional characteristic (profile) of disaster risk in Central Asian countries.
- Regulations “On the Regional Coordination Mechanism for Response to Emergencies”.
- A plan of practical measures (roadmap) for the implementation of the Strategy for the Development of Cooperation between the Countries of Central Asia in the field of disaster risk reduction for 2022-2023.
- The concept of the use of unmanned aerial aircraft in order to reduce the risk of disasters, prevent and eliminate emergency situations in the countries of Central Asia.

The heads of emergency departments of the Central Asian countries noted the relevance of the issues submitted for consideration by the Regional Forum, the need to use innovative information and communication technologies in the field of disaster risk reduction.

In his speech, the Minister of Emergency Situations of the Republic of Kazakhstan, Major General Ilyin Yury Viktorovich, drew the attention of the Regional Forum participants to the need to develop an early warning system in case of an earthquake, which would ultimately allow to combine the scientific potential and practical actions to develop a network of seismic sensors for early warning of the population in Central Asia.





## 2021 year

**NOVEMBER 24-26:** The European Forum on Disaster Risk Reduction was held in Matosinhos, Portugal, which was attended by delegations of emergency departments from Europe, Central Asia and the South Caucasus, as well as representatives of many international organizations.

The Director of the Center as a speaker took an active part in the work of the sessions "Disaster risk management", "INFORM subnational risk index in Europe and Central Asia" as well as in the panel discussion on the adoption of the EFDR Roadmap for 2021-2030. "Acceleration of the implementation of the Sendai Framework Program", during which the results of the Regional Forum-Meeting of the Heads of Emergency Situations of the Central Asian countries (November 4-5 this year in Tashkent) were announced, namely the approval of the Strategy for the development of cooperation between the Central Asian countries in DRR for 2022-2030, the Plan of practical measures for the implementation of the Strategy and other documents.

As a result of the Forum, a Declaration (Communique) of stakeholders at a high level was signed.

Within the framework of the Forum, the Director of the Center held a meeting with the Special Representative of the UN Secretary General for DRR, Ms. Mami Mizutori, during which they discussed the development and strengthening of regional cooperation in the DRR of the Central Asian countries in order to assist in achieving the Sendai Framework Program, and received support in attracting investments to increase the resilience of the region to disasters.



## 2021 - MAIN RESULTS OF THE CENTER

- ◆ Organizational support continues for the work of the Working Group of Experts of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan and the Ministry of Emergency Situations of the Kyrgyz Republic on the implementation of joint coordinated measures to integrate early warning systems for earthquakes in the Republic of Kazakhstan and the Kyrgyz Republic. This year, two meetings of the joint working group of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic and the Center were held on February 09, 2021 on the basis of the Department of Emergency Situations in Almaty and on May 18, 2021 in Bishkek on the basis of the Central Asian Institute of Applied Geosciences.
- ◆ Work continues on the collection, compilation, analysis and exchange of information on the situation, problems, needs and requests of the countries of Central Asia to respond to and eliminate the consequences of the spread of the coronavirus COVID-19 at the national and regional levels, including through:
  - Development and dissemination to stakeholders of the daily "Up-to-date information on the situation with the spread of the COVID-19 pandemic in the countries of Central Asia";
  - Holding Regional Consultative and Advisory Meetings with representatives of regional and subregional offices of international and non-governmental organizations to discuss issues of disaster risk reduction, emergencies and the COVID-19 pandemic in the countries of Central Asia.
- ◆ On an ongoing basis, the Center organizes and conducts work on the collection, generalization, analysis and exchange of operational information in the field of emergency situations through the development and communication to stakeholders of the daily "Operational information on emergency situations in the Republic of Kazakhstan and the Kyrgyz Republic".
- ◆ At the initiative of the Center and ICDO, since 2018, organizational support has been provided to establish cooperation and interaction between the diving services of Kazakhstan and Kyrgyzstan. In 2021, with the direct support of the Center and the ICDO, the diving service of the Ministry of

Emergency Situations of the Kyrgyz Republic and the Russian Federation conducted training to improve the skills of diving services specialists of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan on the basis of a water rescue station in the city of Priozersk, Kazakhstan. Based on the results of the training, 25 rescue divers were awarded international certificates of the IGO and qualification documents of divers of groups 1-2, 10 divers were awarded international certificates "Master Trainer", who in the future will be able to train their colleagues as trainers. In addition, the Republican Rescuer Training Center in Priozersk is certified by the ICDO and received the status of an international Rescuer Training Center.

- ◆ The Center, together with the UN Office for Disaster Risk Reduction in order to contribute to the achievement of the Global Targets identified by the Sendai Program for Disaster Risk Reduction for 2015-2030 and within the framework of the project "Strengthening regional cooperation and facilitation of the implementation of the Sendai Program for Disaster Risk Reduction in Central Asia" conducted 8 instructive and methodological sessions this year to monitor the implementation of the Sendai Framework Program for Disaster Risk Reduction for 2015-2030 to representatives of state structures of the countries of Central Asia.
- ◆ The Center, together with UNICEF in the Republic of Kazakhstan, carried out a number of activities to develop unmanned aircraft in order to ensure the safety of territories and the population, taking into account the interests of vulnerable groups. Established zonal emergency response teams using UAV capabilities.
- ◆ Within the framework of the UNSDRR Initiative "Increasing resilience to disasters and accelerating the implementation of the Sendai Framework for Disaster Risk Reduction in Central Asia", funded by the European Union, on November 05 in Tashkent, under the chairmanship of the Uzbek side, a high-level event was held - the Regional Forum-Meeting of the heads of emergency departments of the countries of Central Asia.
- ◆ At the initiative of the Center, with the technical and financial support of international organizations, three meetings of the Working Group (experts) of the Regional Forum - Meeting of the Heads of Emergency Departments of the Central Asian countries were organized and held:
  - In July 2021 in the city of Tashkent, under the chairmanship of the Uzbek side.
  - In September 2021 online, chaired by the Uzbek side.
  - In October 2021 online, chaired by the Uzbek side.
- ◆ The Center, by attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency, has implemented the following projects this year in the field of strengthening regional cooperation, disaster risk reduction and emergency prevention:
  - 1) UNICEF project in the Republic of Kazakhstan - "Development of unmanned aircraft in order to ensure the safety of territories and the population, including vulnerable groups from emergencies and disasters":
    - the first phase of the implementation period 2018-2019,
    - the second phase, the implementation period is 2020,
    - the third phase, the implementation period is 2021;
  - 2) Project with IOGO "Advanced training of rescue divers of the Ministry of Emergency Situations of the Republic of Kazakhstan" - Implementation period: May-June 2021.
  - 3) MEPACTION Project "Geoinformation Systems, Mapping and Working with Data". Implementation period: 2019-2021;

4) FAO project in the Kyrgyz Republic "Strengthening the capacity for disaster risk reduction and preparedness in the agricultural sector, implementation period 2019-2021;

5) UNISDR Project "Strengthening Regional Cooperation and Facilitating the Implementation of the Sendai Program in Central Asia". Implementation period: 2019-2022;

6) ADB project "Training and Capacity Building. Actualization of disaster risk management in public institutions of the Republic of Tajikistan". Implementation period: 2021.

7) UNDP project "Strengthening the capacity of integrated risk management in the Kyrgyz Republic and regional cooperation in Central Asia". Implementation period: 2021.

- ◆ The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and held 35 international events (conferences, forums, seminars, trainings, meetings, meetings) in the field of disaster risk reduction and emergency situations.
  - ◆ 1226 people took part in these events, exchanged experience, gained new knowledge, improved their skills in the field of disaster risk reduction and emergency situations, including:
    - o 200 representatives of state bodies of the Republic of Kazakhstan.
    - o 183 representatives of state bodies of the Kyrgyz Republic.
    - o 133 representatives of state bodies of the Central Asian countries and other states.
    - o 31 representatives of scientific institutions and independent experts.
    - o 679 representatives of international and non-governmental organizations.
- 1 meeting of the Council of the Center was held.
  - 6 meetings of the Regional Scientific and Technical Council were held.

## 2022 year

**FEBRUARY 18-28:** The Center for Emergency Situations and Disaster Risk Reduction, together with the UN Office for Disaster Risk Reduction, in order to contribute to the achievement of the Global Targets identified by the Sendai Program for Disaster Risk Reduction for 2015-2030 and within the framework of the project "Strengthening Regional Cooperation and Facilitating the Implementation of the Sendai Program for Disaster Risk Reduction in Central Asia" conducted instructional and methodological sessions on monitoring the implementation of the Sendai Framework Disaster risk reduction programs for 2015-2030 for representatives of government agencies of Central Asian countries:

- February 18, 2022 - training for representatives of Turkmenistan. Employees of the Ministry of Defense and the National Statistical Committee of Turkmenistan took part.
- February 22, 2022 - training for representatives of the Republic of Uzbekistan. Employees of the Department for the Prevention of Emergency Situations of the Ministry of Emergency Situations, the National Statistical Committee of the Republic of Uzbekistan took part.
- February 26, 2022 - training for representatives of the Republic of Kazakhstan. Employees of the Emergency Prevention Department of the Ministry of Emergency Situations of the Republic of Kazakhstan took part.
- February 28, 2022 - training for representatives of the Kyrgyz Republic. Employees of the Ministry of Emergency Situations of the Kyrgyz Republic took part.



**2022 year**

**MARCH 01:** Employees of the Center for Emergency Situations and Disaster Risk Reduction took part in an event dedicated to the International Civil Defense Day. On the territory of the Alley of Rescuers of the city of Almaty, an exhibition of special equipment, rescue equipment was held, and representatives of the Red Crescent Society of the Republic of Kazakhstan were invited to present their activities.

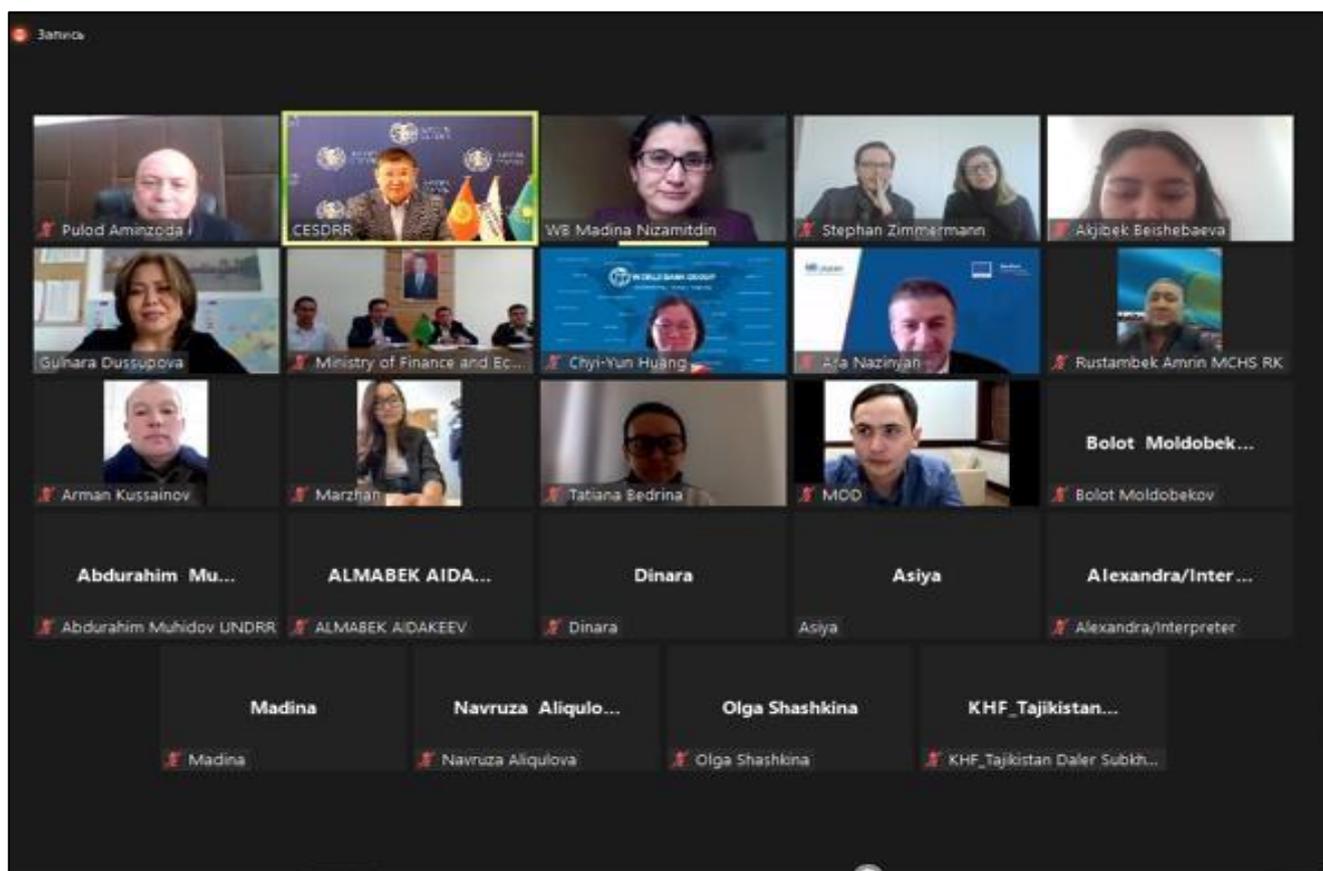


## 2022 year

**MARCH 7:** Under the moderation of the Deputy Director of the CChSSRB Aubakirov S.G. The 2nd meeting of the Coordinating Council for the program "Strengthening financial sustainability and accelerating disaster risk reduction in Central Asia" was held online. The meeting was attended by members of the Regional Scientific and Technical Council for Emergencies, as well as co-chairs of the Coordinating Council and representatives of the following institutions:

- EU Delegation to Kazakhstan (Johannes Stenbeck Madsen and Gulnara Dyusupova);
- UNISDR (Octavion Bivol, Ayudurahim Mukhidov and Sebastien Penzini);
- Global Fund for Disaster Risk Reduction and Recovery (Christina Otano and Stefan Zimmerman);
- The World Bank (Chi-Yun Huang, Madina Nizamitdin and Akzhibek Beishibaev).

The meeting heard the results of the UNSDRR, GFDRR under the program "Strengthening financial resilience and accelerating disaster risk reduction in Central Asia", approved the minutes of the first meeting of the Coordinating Council 2021, the Agenda and Work Plans for 2022.



**APRIL 23:** Mikael Friberg-Story, UN Resident Coordinator in the Republic of Kazakhstan, met with the leadership of the Center at the Center for Emergency Situations and Disaster Risk Reduction.

The working meeting was also attended by UNISDR Regional Coordinator for Central Asia Abdurahim Mukhidov, Adviser on Partnership and Financing for Development of the Office of the UN Resident Coordinator Dina Khasenova, Adviser on Development of the Office of the UN Resident Coordinator Simon Fairdow.

The guests got acquainted with the Center's mission, strategic and priority areas of activity, results of work at the regional level.

During the meeting, the Center provided information on the implementation of joint projects in the field of civil protection, adaptation to climate change and emergency situations in the countries of Central Asia.

The participants of the meeting showed great interest in the project on the creation of a Regional system of early warning about the threat and occurrence of emergency situations of a transboundary nature.

Following the meeting, UN Resident Coordinator in the Republic of Kazakhstan Mikaela Friberg-Story noted the great work of the Center in the field of disaster risk reduction and the comprehensive approach of the Center to various disaster risks and expressed their firm intention on the advisability of further work at the regional level through the Center's platform.



## 2022 year

**MAY 04:** A bilateral meeting was held at the Center for Emergency Situations and Disaster Risk Reduction with representatives of the World Bank Regional Office for Europe and Central Asia.

The World Bank Senior Specialist for Urban Development and Disaster Risk Management, Ms. Chi Yun Huang, was introduced to the activities of the Center, strategic directions and priorities for the current year, the results achieved over the years of the Center's existence.

During the meeting, an exchange of views took place on the most pressing issues of bilateral cooperation between the Center and the World Bank. Ms. Chi Yun Huang confirmed the readiness of the World Bank to continue expanding dialogue and interaction with the Center, including in terms of the practical implementation of joint projects in the field of DRR and emergency situations. As a result of the meeting, the parties reached a complete understanding on all issues.



## 2022 year

The Center, together with a partner, the British non-governmental organization MapAction, conducted trainings on the use of GIS technologies and mapping in emergency situations in a hybrid mode:

- From 25 to 29 April - training for specialists of the Ministry of Emergency Situations of the Republic of Uzbekistan. 23 employees of the central office and territorial divisions of the Ministry of Emergency Situations of the Republic of Uzbekistan took part.

- From May 16 to May 20 - training of specialists of the Ministry of Emergency Situations of the Republic of Kazakhstan. 25 employees of the central office and territorial divisions of the Ministry of Emergency Situations of the Republic of Kazakhstan took part.
- From May 23 to May 27, 2022 - training for representatives of the Ministry of Emergency Situations of the Kyrgyz Republic. Employees of the Ministry of Emergency Situations of the Kyrgyz Republic took part.

MapAction specialists have prepared a training course with presentation materials and video tutorials on using all the features and tools of the QGIS geoinformation program. Based on the results of daily tests and the completion of simulation tasks, participants were awarded certificates of successful completion of the mapping training.



## 2022 year

**24 to 27 MAY:** Delegation of the Central Chechen Republic of Belarus consisting of Deputy Director Aubakirov S.G. and chief expert Ospanov B.M. took part in the Seventh Session of the Global Platform for Disaster Risk Reduction, organized by the United Nations Office for Disaster Risk Reduction and the Government of the Republic of Indonesia on the island. Bali (Indonesia).

The Official Opening Ceremony of the event was attended by President of Indonesia Mr. Joko Widodo, Under-Secretary-General of the UN Ms. Amina Mahmmed and Special Representative of the UN Secretary-General for DRR Ms. Mami Mizutori.

As part of the work of the 7th Session of the Global Platform, the delegation of the Center took part in a trilateral meeting with the Head of the Regional Office for Europe and Central Asia, UNISDR, Mr. Octavian Bivol, the head of the delegation of the Ministry of Health of the Republic of Kazakhstan, Mr. Grigoryan A.S.

and National Coordinator of the Republic of Kazakhstan for the implementation of the Sendai Framework Program Mr. Amrin R.

On May 26, a bilateral meeting was held between the Deputy Director Aubakirov Serik Gabdullovich and the Secretary General Ms. Nzhupuo Yap Mariatu.

The participants of the meeting highly appreciated the joint project for the training of rescue divers of the Ministry of Emergency Situations of the Republic of Kazakhstan, outlined and discussed a plan for further work on the training of canine services of emergency departments of the Central Asian countries this year and expressed their readiness to continue training for rescue divers next year with the involvement of participants from African and Arab countries.

During the meeting, Ms. Nzhupuo Yap Mariatu was informed about the steps taken by the Center to integrate the early warning system for disasters at the level of the CA region. The Center invited ICDO to act as a donor for this creative and high-tech project. Ms. Nzhupuo YAP Mariatu showed a noticeable interest in this information and asked to officially send this initiative from the Center to ICDO.

The final document was signed - the protocol of the bilateral meeting.

On May 27, the chief expert of the Center Ospanov B.M. took part in the Session on the topic: "Subnational risk index of the region of South-Eastern Europe". Within the framework of this session, Ospanov B.M. made a presentation on the topic: "The experience of the Center for Emergency Situations and Disaster Risk Reduction in the implementation of the project "Subnational Risk Index of Central Asia and the Caucasus"". It should be noted that more than 7 thousand participants from 92 countries of the world registered to participate in the 7th Session of the Global Platform for Disaster Risk Reduction, 79% of which took part offline.



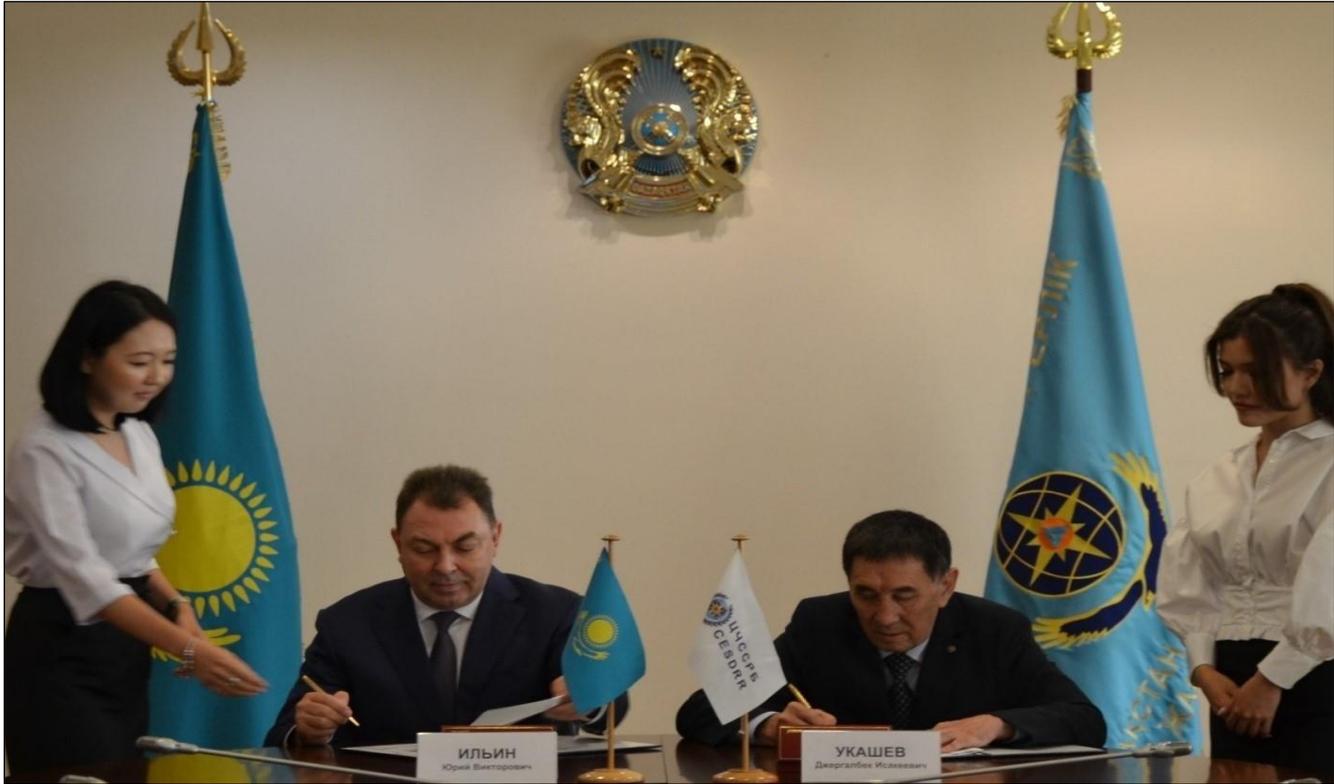


**2022 year**

**JUNE 17:** An official ceremony of signing the Agreement between the Government of the Republic of Kazakhstan and the Center for Emergency Situations and Disaster Risk Reduction on the conditions of his stay in the territory of the Republic of Kazakhstan was held at the Ministry of Emergency Situations of the Republic of Kazakhstan in Nur-Sultan. This Agreement will provide the necessary conditions for the Center on the territory of the Republic of Kazakhstan to perform the functions and tasks assigned to it.

As part of the signing of the agreement, the Minister for Emergency Situations of the Republic of Kazakhstan Ilyin Yu.V. highly appreciated the agreements reached by the Center with the International Civil Defense Organization (ICDO) during the 7th session of the Global Platform for Disaster Risk Reduction (Indonesia, May 25-27, 2022) regarding the organization and conduct of a training for dog handlers in Kazakhstan this year and the next training for divers of the Ministry in 2023.

In general, the parties recognize the activities of the Center, which meet the tasks of coordinating the measures taken to increase the resilience of the region to disasters.



## 2022 year

**JUNE 20:** A bilateral meeting of the Center with representatives of the Asian Disaster Reduction Center in Kobe, Japan (ADRC) took place online.

During the meeting, Mr. Masaki Nakagawa, ADRC Executive Director, was acquainted with the activities of the Center, strategic directions and priorities, results achieved over the years of the Center's existence. In addition, the Center's executive partner, Altair Uyzbaev, director of I2NIK LLP, demonstrated a Prototype of regional integration of emergency monitoring systems in Central Asian countries.

In general, it is proposed to establish interaction and cooperation between the Center and ADRC in two directions:

- ☒ Integration of the early warning system based on the experience and practice of Japan.
- ☒ Introduction of innovative ICT within the framework of projects aimed at disaster risk reduction in the Central Asian region based on the experience and practice of Japan.

As a result of the meeting, the ADRC leadership confirmed its readiness to assist in the methodological and practical implementation of joint projects in the proposed areas.

As a result of the meeting, the parties reached a complete understanding on all issues.



## 2022 year

**From 16 to 18 JUNE:** On the basis of the Center for Emergency Situations and Disaster Risk Reduction in Almaty, the Ministry of Emergency Situations of the Republic of Kazakhstan, together with the Institute of Seismology of the Ministry of Emergency Situations of the Republic of Kazakhstan, organized an international scientific and practical conference "Modern methods for assessing seismic hazard and earthquake prediction", which was attended by scientists from more than 92 countries, including the USA, Japan, China, Russia, Kyrgyzstan, Tajikistan and Uzbekistan.

During the conference, more than 60 reports and scientific articles on problematic issues in the field of seismology and early warning of a devastating earthquake were presented.

The main purpose of the conference was to assist scientists, specialists, organizations and emergency departments in establishing contacts, exchanging experience, scientific, technical and commercial information, as well as expanding and strengthening scientific ties between scientists.

The work of the conference was held in three sections, these are new methods for assessing seismic hazard, collecting, processing, analyzing seismic data and predicting earthquakes, assessing the reliability of buildings and structures (certification) and seismic amplification of objects. The event program also included a visit to the Medeo seismic station-observatory.



## 2022 year

**JUNE 23:** The UN Office for Disaster Risk Reduction, with the support of the governments of Kazakhstan, Kyrgyzstan and Tajikistan, hosted the Regional Introductory Meeting on Enhancing Urban Resilience (RSR 2030) at the Center for Emergency Situations and Disaster Risk Reduction in Almaty.

The meeting was attended by representatives of local authorities of Central Asian countries, UNISDR experts, national technical specialists. The participants of the meeting got acquainted with the concepts of DRR in cities, with the global initiative "Increasing the resilience of cities 2030", with the INFORM sub-regional index for the countries of Central Asia as a source of information on known risks in the region, with tools for assessing and analyzing resilience (Scorecard) and developing local DRR strategies.

During the event, representatives of the participating cities of Kazakhstan, Kyrgyzstan and Tajikistan exchanged best practices.

The seminar was held with the aim of involving these cities in cooperation to develop recommendations for integrating the principles of safe development.



## 2022 year

**JULY 13-14:** The OSCE Regional Consultation Seminar on Climate Change and Security in Central Asia was held in Almaty, the seminar was attended by more than 50 participants from government and civil society organizations of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan, as well as international organizations.

The regional seminar is organized within the framework of the OSCE project “Strengthening the response to security risks associated with climate change in South-Eastern Europe, Eastern Europe, the South Caucasus and Central Asia”.

The initiative was aimed at discussing the problems of climate change and security in the region, as well as identifying opportunities for regional cooperation and joint action to address these problems.

The Center took an active part in the work of the session "Starting points for cross-border cooperation in Central Asia" in terms of presenting to the participants the Center's initiative to create a Central Asian regional emergency early warning system in order to increase the region's resilience to natural disasters..



## 2022 year

**JULY 13-14:** In Almaty, the International Federation of the Red Cross in Central Asia (IFRC) organized and hosted a workshop for the National Red Crescent Societies of Central Asia under the UNSDDR project “Increasing the resilience of vulnerable communities through community-based disaster risk reduction in Central Asia”.

During the event, 5 National Red Crescent Societies, including Turkmenistan, presented their achievements, lessons learned and challenges over the two-year period of this project.

In her opening speech, Seval Guzelkylynch, Head of the IFRC office in Central Asia, noted the role of the Center in ensuring the coordination of the potentials and resources of states and international organizations in the field of disaster risk reduction in Central Asia.

Within the framework of the seminar, the Disaster Preparedness Mechanisms and measures to mitigate the consequences (structural and non-structural) existing and operating at the community level were presented.



## 2022 year

**JULY 29:** In Bishkek, the Ministry of Emergency Situations of the Kyrgyz Republic and the Center for Emergency Situations and Disaster Risk Reduction, with the support of UNDP and WFP in Kyrgyzstan, organized an expanded meeting of the interdepartmental working group to discuss the 2nd stage (2023-2026) of the implementation plan for the Concept of Comprehensive Protection of the Population and Territory of the Kyrgyz Republic from Emergencies for 2018-2030.

This event was attended by experts from ministries and departments, members of the interdepartmental working group, representatives of international and non-governmental organizations.

The purpose of the meeting of the working group was to discuss and agree on the plan for the 2nd stage of the implementation of the Concept for 2023-2026 and to discuss the mid-term review of the implementation of the Sendai Framework for Disaster Risk Reduction for 2015-2030.

The main goal of this Concept is to establish long-term priorities for the development of the state system of Civil Protection to ensure the safety of the population and territories of the country from emergencies and disasters in order to create conditions for the sustainable development of the country.

Development of an Action Plan for the implementation of the DRR Strategy for 2023-2026. is carried out with the support of UNDP and WFP in Kyrgyzstan, within the framework of which the Ministry of

Emergency Situations of the Kyrgyz Republic and the Center for Emergency Situations and Disaster Risk Reduction conducted a detailed analysis and assessment of the implementation of the first stage of the Action Plan for the implementation of the Concept in the period from 2018 to 2022 (first stage) and developed a Plan for the second stage (2023-2026), which is subject to agreement with all stakeholders..



## 2022 year

**AUGUST 5:** A meeting of the Working Group (experts) of the Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries was held via videoconference.

The experts of the Central Asian countries discussed and agreed on the draft documents proposed for discussion at the upcoming Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries in October 2022:

1. Implementation of the Plan of Practical Measures (Roadmap) for the implementation of the Strategy for the Development of Cooperation between the Central Asian Countries in the Field of DRR in 2022 and the Plan of Practical Measures for 2023-2024. progress and plans.
2. Mid-term review of the implementation of the Sendai Framework for DRR in the countries of Central Asia.
3. Strengthening the resilience of Central Asian countries to climate change.
4. On measures to create a regional system of early warning and mutual information about the threat and the occurrence of emergency situations.
5. On measures to introduce innovative information and communication technologies in order to reduce the risk of disasters.
6. Cooperation on DRR in Central Asia in 2023: alignment of international programs with national and regional priorities.
7. Modern and innovative methods for monitoring glaciers, snow cover and outburst glacial lakes under climate change.
8. Cooperation on DRR and climate change in Central Asia in 2023: alignment of international programs with national and regional priorities. Risk of technogenic and anthropogenic disasters.

The solution of these issues in the future provides for the coordination of actions to strengthen regional cooperation in the field of DRR, combat climate change and emergency situations, implement the Sendai Program for DRR and the Strategy for the Development of Cooperation between the Central Asian Countries in the Field of DRR for 2022-2030, create early warning systems and mutual information about the threat and occurrence of emergencies.



## 2022 year

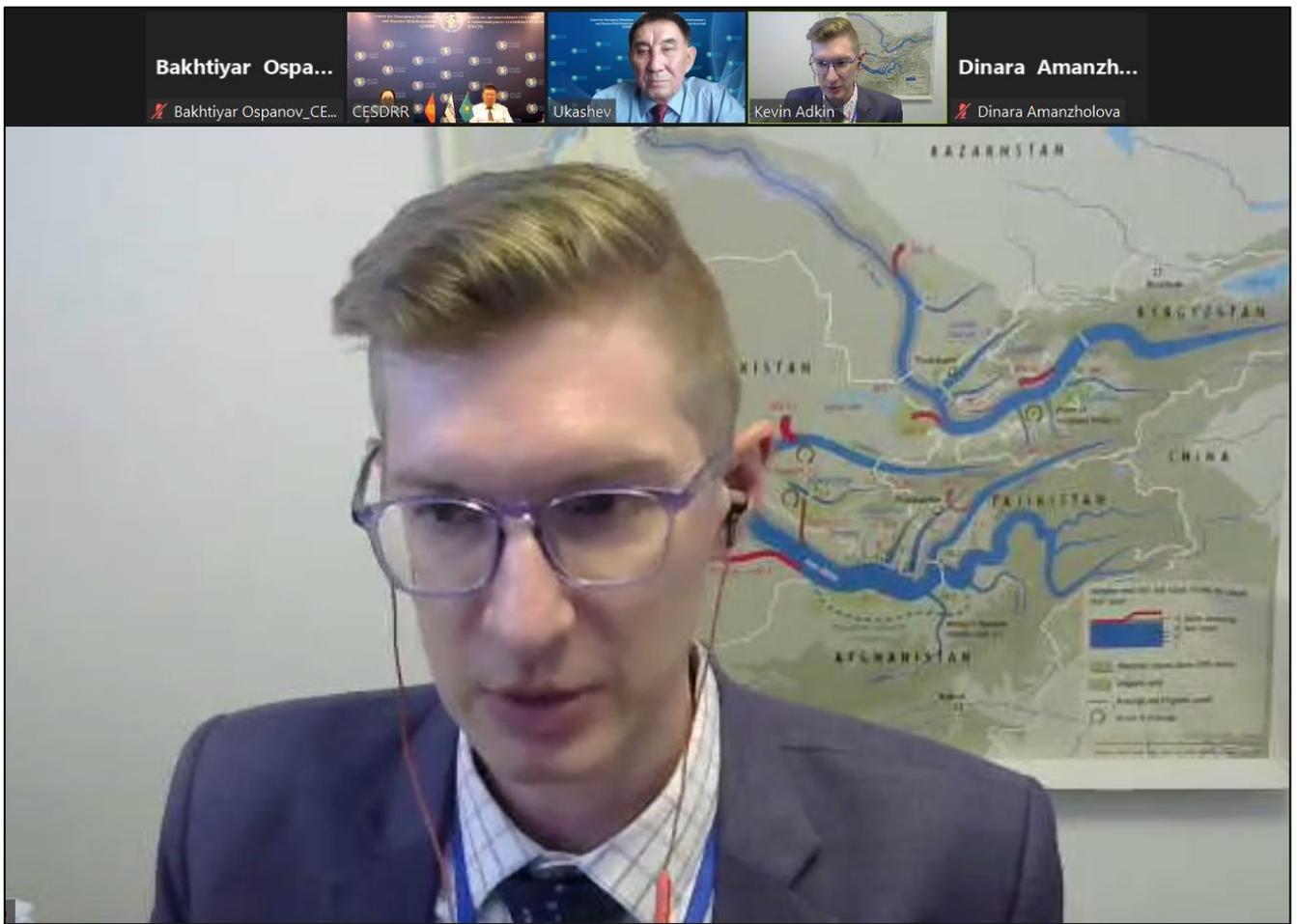
**18 АВГУСТА:** в онлайн режиме состоялась двусторонняя встреча Центра с Региональным офисом USAID в Центральной Азии.

В рамках совещания, господин Кевин Адкин — руководитель Отдела по окружающей среде Регионального офиса USAID по Центральной Азии был ознакомлен с деятельностью Центра, стратегическими направлениями и приоритетами, достигнутыми результатами за годы существования Центра.

В целом, Директор Центра Укашев Ж.И. предложил наладить взаимодействие и сотрудничество между Центром и USAID в таких направлениях, как:

- Внедрение инновационных ИКТ в рамках проектов, направленных на снижение риска бедствий в регионе Центральной Азии.
- Безопасное управление трансграничными водными ресурсами Центральной Азии и меры по смягчению последствий изменения климата.

По итогам встречи по всем вопросам стороны достигли полного взаимопонимания.



## 2022 year

In the period from **7 to 18 SEPTEMBER**: A ten-day master training was held for the canine services of the emergency departments of the Central Asian countries, organized by the Center with the technical and financial support of the ICDO. Experienced cynologists of the Ministry of Emergency Situations of the Russian Federation are invited as trainers. During the master training, 30 canine crews of the Ministry of Emergency Situations of Kazakhstan, and 2 crews each of the Ministry of Emergency Situations of Kyrgyzstan, the CoES of Tajikistan and the Ministry of Emergency Situations of Uzbekistan underwent theoretical and practical training according to a special program, improved their skills in training service dogs, confirmed their professional readiness to search and rescue people under various natural and man-made emergencies.

As a result of the training course, cynologists from the Central Asian countries received appropriate international certificates.

In addition, the Center held a lesson - a master training on demonstrating the effective use of UAVs in the prevention and elimination of the consequences of emergencies of various kinds, based on the experience of the Center gained through participation in search and rescue operations and projects with UNICEF and the OSCE.



## 2022 year

**From 5 to 9 SEPTEMBER:** The Aga Khan Development Network (AKDN) in Kyrgyzstan, within the framework of the Naryn City Resilience Strengthening Program (NURP), with the technical support of the Center, organized and conducted a coordination meeting to conduct a comprehensive environmental assessment of the city of Naryn.

The event was attended by representatives of the Aga Khan Agency for Habitat (AKAH) in Tajikistan, specialists from the Naryn Resilience Strengthening Program (NURP), experts in hydrology, geology, soil science, forestry, geobotany, social sciences and GIS.

During the coordination meeting, the goals and objectives of the program, the methodology for a comprehensive environmental assessment were discussed, the timing of the implementation of activities was determined, the technical tasks and work plans of the expert groups were agreed.



## 2022 year

**8 СЕНТЯБРЯ:** SEPTEMBER 8: The International Federation of the Red Cross and Red Crescent Society (IFRC) hosted an online Regional Presentation on Implementing the Legal and Public Health Emergency Preparedness and Response Guidelines.

The Director of the Center, Mr. Jergalbek Ukashev, was invited by the leadership of the IFRC as a participant in the discussion on the topic: how legal preparedness for public health emergencies will help build regional cooperation in Central Asia. The event was also attended by representatives of WHO regional and country offices in Central Asia, UNISDR Regional Office, disaster risk management and health authorities, National Red Crescent Societies, as well as humanitarian, development and public health stakeholders in region. The participants of the event exchanged views on the experience of Central Asia in the field of legal preparedness for COVID-19.

The regional presentation was held to provide Central Asian governments, National Red Crescent Societies, and humanitarian, health and development partners with guidance on how to improve legal preparedness for public health emergencies.



2022 year

**19 SEPTEMBER:** Head of the OSCE Program Office in Astana, Mr. Volker Frobart visited the Center and met with the management of the Center. During the working meeting, Mr. Frobart was briefly informed about the work done within the framework of the joint project of the OSCE and the Center.

Taking into account the results obtained during the implementation of the joint project, the prospects for further cooperation for 2023 were discussed.

In addition, the Center submitted 3 project proposals in the field of disaster risk reduction and adaptation to climate change for consideration by the leadership of the OSCE Office in Astana.



## 2022 year

**SEPTEMBER 21:** 2022, a working meeting was held at the Center for Emergency Situations and Disaster Risk Reduction by the Deputy Resident Representative of the United Nations Development Program (UNDP) in Kazakhstan, Mr. Sukhrob Khodzimatov, with the leadership of the Center.

During the working meeting, Mr. Khodzimatov got acquainted with the activities of the Center, strategic directions and priorities, the results achieved over the years of the Center's operation. In addition, the prospects for further cooperation for 2023-2024 were discussed.

In addition, during the meeting, project proposals of the Center in the field of disaster risk reduction and adaptation to climate change were presented.

UNDP Deputy Resident Representative in Kazakhstan Mr. Khodzimatov praised the results of the Center's activities in the field of disaster risk reduction and the comprehensive approach of the Center to various disaster risks..



**4 ОКТЯБРЯ:** OCTOBER 4: Within the framework of the Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries in Dushanbe (Republic of Tajikistan), an expanded meeting of the Regional Scientific and Technical Council for Emergency Situations (RSTC) was held with the participation of the national coordinators of the Sendai Framework Program for DRR, the countries of Central Asia and representatives of international organizations.

The extended meeting of the RNTS is organized by the Government of the Republic of Tajikistan with the support of the United Nations Office for Disaster Risk Reduction, the World Bank and the Center.

During the meeting, the results of a new regional risk assessment for Central Asia were presented, as well as reports on individual countries on improving the social protection system in them. Also, round tables were held where members of the RNTS - representatives of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan discussed issues of preparedness for emergencies and mitigation of their consequences through disaster risk financing.

In addition, the role of the RNTS in strengthening the disaster risk management system in the region was discussed.

In addition, participants were introduced to additional disaster risk assessment models initiated by other development partners in the region (ADB.).



**OCTOBER 5:** In Dushanbe, under the chairmanship of the Tajik side, a meeting of the Working Group (experts) of the Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries was held.

The event was organized by the Center for Emergency Situations and Disaster Risk Reduction, with the support of the CoES under the Government of the Republic of Tajikistan.

The experts of the Central Asian countries discussed and agreed on the draft documents proposed for discussion at the upcoming Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries:

1. Review of the implementation of the Action Plan (Roadmap) for the implementation of the Strategy for the development of cooperation between the Central Asian countries in the field of DRR in 2022.
2. Draft Action Plan (Roadmap) for the implementation of the Strategy for the development of cooperation between the Central Asian countries in the field of DRR for 2023–2024.
3. Draft Regulations on the Regional System of Early Warning and Mutual Information on the Threat and Emergency Situations.
4. Draft Action Plan for the introduction of innovative information and communication technologies (GIS, UAVs, mapping) in the countries of Central Asia for the purpose of monitoring, forecasting, assessing and analyzing disaster risk.

These documents have been developed taking into account the proposals of international organizations and are aimed at implementing practical measures to develop and deepen regional cooperation in the field of disaster risk reduction and strengthening preparedness to respond to emergencies, especially of a transboundary nature, and also provide for issues of improving information exchange, joint assessment of factors disaster risk reduction, implementation of programs and projects in the field of disaster risk reduction and adaptation to climate change, improving awareness of existing and emerging risks, further development, transition to a new, better level of regional cooperation of the CA countries in the field of DRR and emergencies..



**OCTOBER 6:** The Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries was held in Dushanbe. More than 70 people took part in the work of the Regional Forum - delegations headed by the heads of emergency departments of the Republic of Kazakhstan, the Republic of Tajikistan, Turkmenistan and the Republic of Uzbekistan, representatives of UN agencies, donor, international and non-governmental organizations.

Opening the Regional Forum, the Chairman of the CoES under the Government of the Republic of Tajikistan, Colonel-General Nazarzoda Rustam Urmanovich noted that the results of the Forum will give a new impetus to the dynamic and harmonious development of joint cooperation between the countries of the region in the field of disaster risk reduction.

"Involving such a wide range of stakeholders in the field of disaster risk reduction contributes to the further development of a constructive dialogue, the exchange of information and experience, and the strengthening of regional cooperation in the field of disaster risk reduction," he stressed.

In his speech, Deputy Prime Minister of the Republic of Tajikistan Sulaimon Ziyozoda noted the importance of holding this event. "The organization and holding of this Forum, with the participation of high-level representatives and experts, is a continuation of the efforts of our countries to mitigate the negative effects of climate change and, in particular, natural disasters, which will allow us to intensify our efforts in this area," the Deputy Prime Minister emphasized.

The heads of emergency departments of the Central Asian countries noted the relevance of the issues submitted for consideration by the Regional Forum, the need to use innovative information and communication technologies in the field of disaster risk reduction.

In his speech, the Minister of Emergency Situations of the Republic of Kazakhstan, Lieutenant-General Ilyin Yuri Vitasovic, noted that the Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries is a very important and significant event for the region in terms of strengthening cooperation in the field of disaster risk reduction and emergency management.

Lieutenant General Ilyin Yu.V. noted that "... One of the important directions in the implementation of the Strategy for the Development of Cooperation between the Countries of Central Asia in the Field of Disaster Risk Reduction for 2022-2030 is the implementation of measures to integrate early warning systems and alerts about the threat of emergency situations ..." and called for the approval of the submitted for consideration by the heads of delegations emergency departments Regulations on the Regional System of Early Warning and Mutual Information on the Threat and Emergencies and the Protocol of Intentions on the Integration of Earthquake Early Warning Systems, developed at the initiative of the Ministry of Emergency Situations of the Republic of Kazakhstan. He emphasized that "... This step would be evidence of our aspirations to achieve the global objectives of the Sendai DRR Program and a response to the call of the seventh session of the UN Global Platform for Disaster Risk Reduction in Indonesia, voiced by Ms. Mami Mizutori, about the need to ensure accessibility for the entire population of the Earth to the early warning system..."

The Minister of Emergency Situations of the Republic of Uzbekistan, Major General Kuldashv Abdulla Khamidullaevich drew the attention of the participants of the Regional Forum to the environmental problems of the Aral Sea region and measures to mitigate the consequences of the drying up of the Aral Sea. He noted that "... the Republic of Uzbekistan is taking a set of measures to improve the environmental situation in the Aral Sea zone. In particular, forest reclamation activities are being carried out on an area of 1 million 679 thousand hectares...". Major General Kuldashv A.Kh. drew the attention of the participants of the Regional Forum to the disasters associated with climate change: the melting of glaciers, the threat of outburst of high mountain lakes, low water and others. He also noted the importance of seismic safety and informed the participants of the Regional Forum about the measures taken in the Republic of Uzbekistan on this issue.

The head of the Department of Civil Defense of the Ministry of Defense of Turkmenistan, Mr. Annagurdov Merdan, noted the importance of coordinating the activities of the emergency departments of the countries of the region, international and non-governmental organizations, and other interested parties in the implementation of disaster risk reduction measures..

The head of the Office for Europe and Central Asia of the UN Office for Disaster Risk Reduction, Mr. Octavian Bivol, thanking the Government of the Republic of Tajikistan for the organized meeting, stressed that the

UN will continue to pay special attention to addressing issues related to the risk of natural disasters. In particular, Mr. Bivol said: "... the UN Office for Disaster Risk Reduction will provide further support to build resilience to natural disasters and climate change in Central Asia."

Speaking to the Forum participants, the EU Special Representative for Central Asia, Ms. Terry Hakala, noted the importance of the problem related to the risks of natural disasters, which must be addressed together. During the Regional Forum, special attention was paid to the issues of international cooperation in the field of disaster risk reduction. In particular, a number of events took place within the framework of the forum - breakout sessions, reports of the heads of foreign delegations. The participants discussed issues of further implementation of the Sendai Framework Program in the countries of the region, studying the experience of countries in the aftermath of major natural disasters and the recovery process, an inclusive approach, cross-border cooperation and attraction of investments in the field of disaster risk reduction within the framework of the implementation of the Sendai Framework Program in the countries of the region.



## 2022 year

27 OCTOBER: within the framework of a working trip to Almaty, the Center was visited by the First Deputy Minister of Foreign Affairs of the Republic of Kazakhstan Umarov Kairat Ermekevich.

During the visit, Mr. Umarov K.E. got acquainted with the activities of the Center, listened to a report on implemented and ongoing projects, as well as on the planned activities of the Center in the field of disaster risk reduction in Kazakhstan and the Central Asian region.

The First Deputy Minister of Foreign Affairs of the Republic of Kazakhstan emphasized the relevance of further development of regional and international cooperation in the field of disaster risk reduction, taking into account active climate change.

He approved the course towards the coordination of joint efforts aimed at strengthening resilience and preparedness for an effective and timely response to emergencies, using the resource of the Forum of the Ministers of Emergency Situations of the Central Asian countries as the main coordination mechanism.

The Center received a number of recommendations for further work, including the development of the use of innovative information and communication technologies for the tasks of preventing and responding to emergencies, and also noted the relevance of creating a regional coordination hub for emergency response in the Central Asian countries on the basis of the Center to coordinate international humanitarian and technical assistance.

Realizing the status of the Secretariat of the Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian countries, the Center should continue to accumulate and raise problems of a transboundary nature, the joint solution of which is mutually beneficial for the countries of the region.

The participants of the meeting also recognized the need to intensify joint and coordinated efforts to further expand the membership of the Center.



## 2022 year

**NOVEMBER 2 - 4:** in Astana, the specialists of the Center conducted a training for employees of the Department of Emergency Situations in Astana, the State Institution "Fire Fighting and Rescue Operations" and the Training Center of Astana of the Academy of Civil Protection of the Ministry of Emergency Situations of the Republic of Kazakhstan on the skills of using UAVs to implement prevention tasks and liquidation of emergency situations.

The training program included theoretical and practical parts, as well as exercises on post-flight processing of data obtained using UAVs using special software that allows processing the results of aerial photography from a drone.

In the course of practical training, a study tour was carried out to the territory of the Astana counter-regulator, where the specialists of the Center demonstrated how to build a 3D model of the facility, making for example a three-dimensional model of the head gateway of the counter-regulator. In addition, as part

of the practical exercises, a simulation of a search for people in a forest area near the settlement of Malaya Timofeevka was performed using an optical camera and a thermal imaging sensor. Using various color modes of the thermal imager and the capabilities of the optical camera, the participants were able to independently determine the location of the missing in the shortest possible time, thereby making sure that the use of UAVs with specialized sensors was effective when searching for people in hard-to-reach places.

Based on the results of the training, 23 employees of the Department of Emergency Situations of Astana and the Training Center of the city of Astana AGZ of the Ministry of Emergency Situations of the Republic of Kazakhstan were awarded certificates of completion of the above course.



## 2022 year

**NOVEMBER 15:** A delegation from the International Federation of the Red Cross and Red Crescent Societies, headed by the head of the regional office for Central Asia Seval Guzelkilinch, visited the Center for Emergency Situations and Disaster Risk Reduction, the delegation also included the delegate for Humanitarian Diplomacy Ms. Joy Muller and the delegate Disaster Law Program Ms. Pauline Caspellan.

During the meeting, the participants got acquainted with the mission, strategic and priority areas of the Center's activities, with information on the implementation of joint projects with partners in the field of civil protection, adaptation to climate change and emergency situations in the countries of Central Asia. In addition, the prospects for further cooperation for 2023-2024 were discussed.

In addition, during the meeting, project proposals of the Center in the field of disaster risk reduction and adaptation to climate change were presented.

The head of the IFRC Regional Office for Central Asia, Seval Guzelkilinch, positively assessed the results of the Center's activities in the field of disaster risk reduction and expressed interest in further cooperation and implementation of joint projects.



2022 year

**24 November 2022:** During the 25th Session of the General Assembly of the International Civil Defense Organization in Abu Dhabi, 48 Member States supported the proposal to make the Center an Affiliate Member of ICDO.

The transition to a new format of cooperation will significantly strengthen the interaction between the ICDO and the Center in the field of civil defense in order to reduce the risk of disasters, strengthen preparedness and ensure an effective response to emergencies.

In addition, this will allow further work and interaction with ICDOs to build in a planned manner and on a systematic basis to increase the potential of emergency response services of the countries of Central Asia..



## 25-я сессия Генеральной Ассамблеи Абу-Даби, 24 ноября 2022 года

### РЕШЕНИЯ

#### Решение 5

##### Новые государства-члены и новые аффилированные члены

Генеральная Ассамблея,

1. приветствует принятие **Республики Вануату** в качестве нового государства-члена;
2. приветствует новых Аффилированных членов:

#### 2022 year

**NOVEMBER 28:** Center officials attended a high-level event on building resilience to disasters and climate change in Central Asia, held in Brussels. The event was held under the auspices of His Excellency Mr. Baimukhan Margulan - Ambassador of Kazakhstan to Belgium, Her Excellency Ms. Teri Hakala - Special Representative of the European Union for Central Asia and Her Excellency Ms. Mami Mizutori - Special Representative of the United Nations Secretary-General for Reducing disaster risk.

A report was presented by the Deputy Director of the Center Aubakirov Serik Gabdullovich on the progress made in increasing resilience to disasters and climate change in Central Asia within the framework of the EU-funded project "Increasing Disaster Resilience and Accelerating the Implementation of the Sendai Framework for Disaster Risk Reduction in Central Asia", implemented by United Nations Office for Disaster Risk Reduction (UNDRR).

A number of working and technical meetings took place on the sidelines of this event.

Thus, within the framework of the panel session, a bilateral meeting was held between the Special Representative of the European Union for Central Asia, Ms. Teri Hakala, and the Deputy Director of the Center Aubakirov S.G.

On November 28, a meeting was held with the Special Representative of the UN Secretary-General for Disaster Risk Reduction, Ms. Mami Mizutori, and the UNISDR team, led by the head of the UNISDR Regional Office for Europe and Central Asia, Octavian Bivol.

On November 29, a delegation of the Center visited the EU Emergency Response Coordination Center (ERCC), where a technical meeting was held with its representatives. The participants of the meeting got acquainted with the position, structure and main activities of this center.

At all levels, the Center initiated a dialogue and started a discussion about the urgent need to create a similar European Coordination Center for Emergency Response in Central Asia on the basis of the Center for Emergency Situations and DRR in Almaty.



## 2022 year

**From 29 NOVEMBER to 1 DECEMBER in Geneva, Switzerland**, the Director of the Center attended the twelfth meeting of the Conference of the Parties to the United Nations Economic Commission for Europe (ECE) Convention on the Transboundary Effects of Industrial Accidents.

The Center and UNECE reached an agreement to strengthen interaction and cooperation in reducing the risks of man-made and industrial accidents in the Central Asian region within the framework of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries.

As part of the Roadmap for the implementation of the Strategy for the Development of Cooperation between the Countries of Central Asia in the field of DRR for 2023-2024, it is planned to combine efforts in the implementation of the following activities:

- integration of the risks of threats of technological and industrial (industrial) disasters into strategies, plans and programs for DRR;
- development of a joint contingency plan between riparian countries with harmonized standard operating procedures for emergency notification, response and mutual assistance in the Syrdarya river basin;
- development of a concept and implementation of a systematic approach for managing the risks of transboundary disasters, taking into account climate change;
- development of the Regional Digital Catalog of Potentially Hazardous Objects of the Central Asian Countries Possessing a Threat of Emergencies of a Transboundary Nature;
- implementation of measures to create a regional system of early warning about the threat of emergencies based on the development of partnerships between authorities, the private sector and other interested parties;
- implementation of measures to strengthen local and national capacities for emergency preparedness and response in the countries of Central Asia.



## 2022 year

**NOVEMBER 30:** The Center, at the invitation of the Red Crescent of Kazakhstan, took part in the seminar "International law in emergency situations and adaptation to climate change", which took place in Shymkent. The head of the IFRC office for Central Asia, Seval Guzelkilinch, welcomed the participants of the seminar. Paulina Caspellan, IFRC Delegate for Emergency Law in Central Asia, shared with the participants of the seminar the existing legislation on emergency situations in Central Asia, introduced into the international law of disaster response. Also, she demonstrated to the workshop participants the Regional Emergency Response Coordination Mechanism, developed by the Center, as one of the available emergency response documents in Central Asia. After that, the Center was given the floor to explain the existing platform of the Regional Forum-Meeting of the Heads of Emergency Departments, as one of the platforms for adopting documents at the regional level.

The Center and the IFRC reached an agreement to strengthen interaction and cooperation in disaster risk management in Central Asia within the framework of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries.



## 2022 year

**NOVEMBER 29-30:** Chief expert of the Center Ospanov B.M. took part in the Technical Expert Forum on the topic: "Tracking hazards and assessing damage from disasters", organized by the United Nations Office for Disaster Risk Reduction (UNDRR) together with the United Nations Development Program (UNDP) and the World Meteorological Organization (WMO) in Bonn (Germany). The purpose of the Forum is to strengthen existing standards and processes for data collection, cooperation and interaction between responsible organizations, as well as ensuring the transparency of disaster data.

In accordance with the program of the event, the main focus was on studying the existing achievements in the field of damage and loss assessment, obtaining data on disasters, developing international cooperation and partnerships, as well as identifying existing problems and gaps in this area.

The chief expert of the Center provided information on the results achieved in the development of regional and international cooperation in the field of disaster risk reduction in the Central Asian region through the creation of a permanent high-level consultative platform in the format of the Regional Forum - the Meeting of the Heads of Emergency Departments of the Central Asian countries.

During the Technical Forum, international organizations presented new disaster data collection and analysis systems, such as Risk Information Exchange - RiX (UNDRR), Geohub (UNDP) and others. Desintentar Sendai.

In the final session of the Technical Forum, as a tool to solve existing problems in the field of disaster data collection, a team of representatives from UNDP, UNDRR and MWO presented a model of a completely new disaster data recording and analysis system, which is planned to be created by integrating most of the existing systems into a single system, including meteorological databases.

In total, the event was attended by 83 representatives of government agencies, regional international organizations and the private sector from more than 40 countries.



## 2022 year

**DECEMBER 2:** The Center took part in a high-level conference on climate change on the topic: “From global knowledge to local solutions: climate-resilient institutions in Central Asia”, which was held in Tashkent. The event was initiated with the support of Uzhydromet, the Ministry of Foreign Affairs of Uzbekistan and organized by UNDP in Uzbekistan within the framework of the project "Climate Change and Resilience in Central Asia" with the support of the EU in close cooperation with the GIZ project "Green Central Asia", funded by the Ministry of Foreign Affairs of Germany.

More than 140 delegates took part in an active dialogue on climate threats and called on all Central Asian states to join forces to achieve a reasonable balance between climate change mitigation and adaptation to it.

Participants focused on developing regional dialogue and raising awareness of vulnerable sectors of the economy about climate change and resilience. They stressed the importance of strengthening early warning and climate change mitigation measures at the community level in neighboring areas of Central Asia..



**DECEMBER 08:** The Regional Meeting on Enhancing Urban Resilience (RSR 2030) was held on the basis of the Center for Emergency Situations and Disaster Risk Reduction in Almaty with the support of UNDP and UNISDR, the governments of the countries of Central Asia.

The meeting was attended by representatives of local authorities and emergency departments of the Central Asian countries, experts from the UNISDR, UNDP, the Center. The participants of the meeting got acquainted with the concepts of DRR in cities, with the global initiative "Increasing the resilience of cities to disasters 2030", with the UNDP approach to urban resilience, with an overview of the local process for developing a DRR strategy, with the main principles of increasing urban resilience, with the INFORM sub-regional index for countries of Central Asia, with tools for assessing and analyzing sustainability (Scorecard).

During the event, representatives of the participating cities of Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan exchanged best practices.

The training was conducted to develop a better understanding of urban resilience needs and priorities, systems thinking and an approach to advancing urban resilience action..



## 2022 year

**DECEMBER 26:** The twelfth meeting of the Council of the Center for Emergency Situations and Disaster Risk Reduction chaired by the Kyrgyz side was held via videoconference.

The meeting was attended by the Minister for Emergency Situations of the Republic of Kazakhstan Ilyin Yu.V. and Minister of Emergency Situations of the Kyrgyz Republic Azhikeev B.E.

At the meeting, the results of the work of the Center for 2022 and priority areas of activity for 2023 were presented to the members of the Council.

The Council adopted a report on the execution of the budget for 2022 and approved the budget for 2023, and considered personnel issues.

The heads of emergency departments noted the effectiveness of work in Central Asia through the Center's platform. At the suggestion of the Kyrgyz side, on the basis of the results of the VIII Summit of Ministers for Emergency Situations of the Member States of the Organization of Turkic States, it was decided to initiate each side in the Foreign Ministry of their states with a proposal to give the status of the Secretariat of Emergency Departments of the Turkic-Speaking States on the basis of the Center in Almaty.



## 2022 - MAIN RESULTS OF THE CENTER

- ◆ Organizational support continues for the work of the Working Group of Experts of the CoES of the Ministry of Internal Affairs of the Republic of Kazakhstan and the Ministry of Emergency Situations of the Kyrgyz Republic on the implementation of joint coordinated measures to integrate early warning systems for earthquakes in the Republic of Kazakhstan and the Kyrgyz Republic. In addition, a technical working group has been established to create a regional system for early warning and mutual information about the threat and the occurrence of emergencies.
- ◆ Work continues on the collection, compilation, analysis and exchange of operational information in the field of emergencies through the development and communication to stakeholders of the daily "Operational information on emergency situations in the Republic of Kazakhstan and the Kyrgyz Republic".

- ◆ At the initiative of the Center and ICDO, since 2018, organizational support has been provided to establish cooperation and interaction between the diving services of Kazakhstan and Kyrgyzstan. In 2022, on the basis of the training ground "Rock City - Astana", a ten-day master training was held for the canine services of the emergency departments of the countries of Central Asia.
- ◆ The Centre, together with the UN Office for Disaster Risk Reduction to contribute to the achievement of the Global Targets set by the Sendai Agenda for Disaster Risk Reduction 2015-2030 and within the framework of the project "Strengthening regional cooperation and facilitation of the implementation of the Sendai Agenda for Disaster Risk Reduction in Central Asia" held this year 6 instructional and methodological sessions on monitoring the implementation of the Sendai Framework Program for Disaster Risk Reduction for 2015-2030 for representatives of government agencies of Central Asian countries.
- ◆ The Center, together with UNICEF in the Republic of Kazakhstan, carried out a number of activities to develop unmanned aircraft in order to ensure the safety of territories and the population, taking into account the interests of vulnerable groups. Established zonal emergency response teams using UAV capabilities.

Within the framework of the UNICEF project, a unique product was created in Central Asia - UAV Online School - is the only remote tool in the region for training specialists in the use of UAVs for civil protection tasks.

- ◆ Within the framework of the UNDRR Initiative "Increasing resilience to disasters and accelerating the implementation of the Sendai Framework for Disaster Risk Reduction in Central Asia", funded by the European Union, on October 06 in Dushanbe, under the chairmanship of the Tajik side, a high-level event was held - Regional Forum-Meeting heads of emergency departments of Central Asian countries.
- ◆ At the initiative of the Center, with the technical and financial support of international organizations, two meetings of the Working Group (experts) of the Regional Forum - Meeting of the Heads of Emergency Departments of the Central Asian countries were organized and held:

- *In August 2022 online, chaired by the Tajik side.*

- *In October 2022 in the city of Dushanbe, under the chairmanship of the Tajik side.*

The Center, by attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency, in 2022 implemented the following projects in the field of strengthening regional cooperation, disaster risk reduction and emergency prevention:

1. UNDRR Project "Strengthening Regional Cooperation and Facilitating the Implementation of the Sendai Program in Central Asia", implementation period: 2019-2022;
2. ICDO project "Strengthening the capacity of canine services of emergency departments of the countries of Central Asia", implementation period: 2022;
3. Project of UNDP in the Kyrgyz Republic and WFP in the Kyrgyz Republic "Conducting a Mid-Term Review of the Implementation of the Sendai Framework for DRR in the Kyrgyz Republic", implementation period: 2022;
4. OSCE project "Improving the methodology and practice of monitoring and assessing disaster risk using innovative ICT", implementation period: 2022;

5. Project MapAction "Geoinformation systems, mapping and work with data", implementation period: 2022;
6. FAO project in the Kyrgyz Republic "Institutionalization of the methodology for assessing damage and losses for the agricultural sector in Kyrgyzstan", implementation period: 2022;
7. UNISDR Project "City Sustainability Assessment", implementation period: 2022;
8. UNDP project in the Kyrgyz Republic "Improving the level of fire safety of the population by strengthening the capacity of the fire and rescue service in the Kyrgyz Republic", implementation period: 2022;
9. CESDRR together with an international expert "Development of recommendations / proposals for amendments and additions to the Law of the Republic of Kazakhstan "On Civil Protection", implementation period: 2022.
10. UNICEF project "Development of unmanned aircraft in order to prevent and eliminate the consequences of emergencies with a focus on vulnerable groups of the population.", implementation period: 2018-2022.

The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and held 26 international events (conferences, forums, seminars, trainings, meetings, meetings) in the field of disaster risk reduction and emergency situations.

884 people took part in these events, exchanged experience, gained new knowledge, improved their skills in the field of disaster risk reduction and emergency situations, including:

- ◆ 148 representatives of state bodies of the Republic of Kazakhstan.
- ◆ 76 representatives of state bodies of the Kyrgyz Republic.
- ◆ 156 representatives of state bodies of the Central Asian countries and other states.
- ◆ 85 representatives of scientific institutions and independent experts.
- ◆ 419 representatives of international and non-governmental organizations.
  
- ◆ 1 meeting of the Council of the Center was held.
- ◆ 5 meetings of the Regional Scientific and Technical Council were held.

**On November 24, 2022**, during the 25th Session of the General Assembly of the International Civil Defense Organization in Abu Dhabi, 48 Member States supported the proposal to give the Center the status of an Affiliate Member of ICDO.

The transition to a new format of cooperation will significantly strengthen the interaction between the ICDO and the Center in the field of civil defense in order to reduce the risk of disasters, strengthen preparedness and ensure an effective response to emergencies.

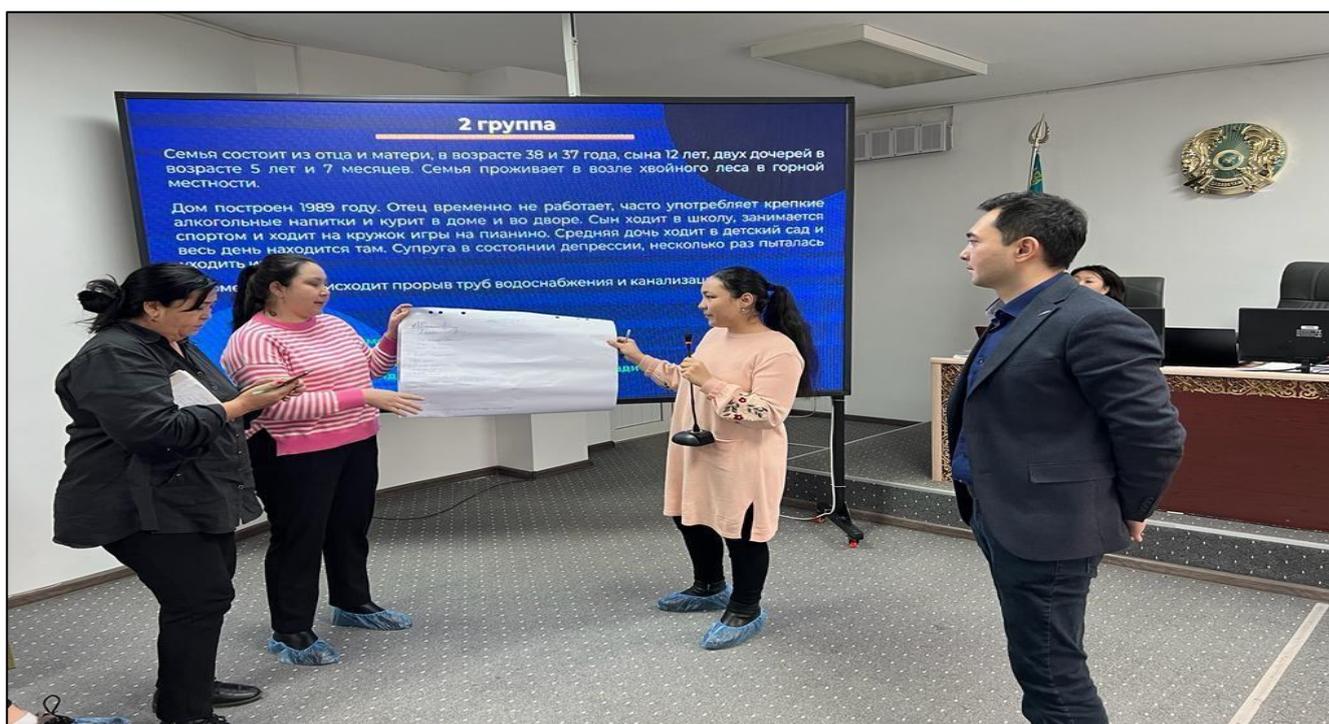
In addition, this will allow further work and interaction with ICDOs to build in a planned manner and on a systematic basis to increase the potential of emergency response services of the countries of Central Asia..

**From JANUARY 30 to FEBRUARY 3:** within the framework of the UNICEF project "Strengthening the system of the Universal Progressive Model of Nursing Care for Pregnant Women and Young Children, Increasing the Potential of Adults in the Development of Children with Developmental Disabilities, including Increasing the Preparedness of Families Under Patronage Supervision for Emergencies" in the city of St. Turkestan conducted a 5-day training on the topic: "The development of young children in the framework of the Universal Progressive Patronage Model with a focus on preparedness for crises and emergencies."

Within the framework of the UNICEF project, the chief expert of the Center Ospanov B.M. was recruited as an expert trainer in emergency situations. During the training Ospanov B.M. presented the developed training module on emergency situations for patronage nurses, as well as the Checklist for assessing the risk of an emergency and the Algorithm for actions of patronage workers and family members to ensure safety in an emergency.

Taking into account the presented material, the Center's expert organized a number of group practical exercises on the application of the acquired knowledge, and also tested the participants on the topics presented.

The training was attended by 42 patronage nurses from 13 districts and 3 cities of the Turkestan region. The materials developed within the framework of the UNICEF project made it possible to equip visiting nurses with a tool for assessing the existing risks of emergencies, as well as to provide nurses with information cards with recommendations for family members on actions in emergency situations and taking early measures to ensure their own safety and the safety of a newborn child.



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## 2023 year

**FEBRUARY 15:** The United Nations Office for Disaster Risk Reduction (UNISDR) and the Center for Emergency Management and Disaster Risk Reduction (CESSRR) held a final meeting to showcase the achievements of the European Union-funded project "Building Disaster Resilience and Accelerating Implementation of the Sendai Framework for Disaster Reduction Disaster Risk Management in Central Asia", which supports the countries of the region in the implementation of the priorities of the Sendai Framework.

The event brought together representatives of national governments, implementing partners, as well as donors and other stakeholders in the field of disaster risk reduction, to review the achievements of the program, assess challenges and opportunities for future cooperation, including raising awareness of risks,

emergency preparedness situations and adaptation to climate change at the regional, national and local levels, and to accelerate the overall implementation of the regional strategy for disaster risk reduction.

Key achievements of the project include the strengthening of the role of the CERR in Almaty as a regional secretariat for coordination and source of experience, information and capacity building in the field of disaster risk reduction. The Regional Disaster Risk Profile of the countries of Central Asia was developed within the framework of the ESDR project, on the basis of which the Regional Strategy for the development of cooperation between the countries of Central Asia in the field of disaster risk reduction for 2022-2030 was developed, approved at the Regional Forum-Meeting of the heads of emergency departments of the countries of Central Asia in 2021 with the subsequent annual action plans (Roadmaps) for its implementation, as well as the experts of the Center for Emergency Resources and Rescue, conducted instructional and methodological sessions with national coordinators and specialists from the emergency departments of the Central Asian countries on the preparation of reports on the implementation of the Sendai Framework for Disaster Risk Reduction for 2015-2030.

At the end of the meeting, the Center announced a number of project proposals, the interest of which is in all countries of Central Asia according to the Comparative analysis of the compliance of the Plan for the implementation of the Strategy for the development of cooperation between the Central Asian countries in the field of DRR for 2023-204 with the strategic action plans of five countries of the region.



2023 year

**MARCH 01:** in the city of Kokshetau, Akmola region on the basis of the Academy of Civil Protection. M. Gabdullina of the Ministry of Emergency Situations of the Republic of Kazakhstan As part of a joint project with the United Nations Development Program (UNDP) in the Republic of Kazakhstan, the Center for Emergency Situations and Disaster Risk Reduction, a training was held to teach and develop skills in the development and use of drought response plans in the Republic of Kazakhstan at the national and local levels.

The training was attended by representatives of the Akimat of Akmola region and district akimats, departments of the Department of Emergency Situations, Departments of Agriculture and Land Relations, departments of Kazhydromet and other interested parties. The number of participants in the training was 42 people.

The participants of the training discussed the drafts of the presented documents in the field of response to droughts in the Republic of Kazakhstan, developed by the experts of the Center during the implementation of the project.

The event was held in an interactive form, which made it possible to listen and take into account the constructive opinion of the training participants.

At the end of the training, group practical exercises were held to develop drought response skills using the example of the developed draft territorial drought response plan for the Akmola region.

The conducted training and presented materials will enhance the capacity of the Republic of Kazakhstan in forecasting and responding to droughts at the national and local levels.



2023 year

**MARCH 14:** As part of a joint project with the United Nations Development Program (UNDP) in the Republic of Kazakhstan, the Center for Emergency Situations and Disaster Risk Reduction, a series of trainings on developing skills in monitoring, forecasting, mitigating and responding to droughts in the Republic of Kazakhstan continues at the national and local levels, another training was held in Astana.

The training was attended by representatives of the Ministry of Emergency Situations of the Republic of Kazakhstan, the Ministry of Agriculture of the Republic of Kazakhstan, the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan, RSE "Kazhydromet", RSE "Kazvodkhoz", the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" and other interested parties. The number of participants in the training was 50 people.

The participants of the training were presented with:

- agrometeorological monitoring of droughts, drought forecasting methods used in RSE “Kazgidromet”;
- analysis of the needs for agrometeorological information from consumers, taking into account their specifics, the layout of the drought monitoring bulletin, taking into account the needs of the consumer;
- international experience and practice in drought monitoring;
- hydrometeorological model for early warning of droughts based on hydrodynamic modeling of the regime of extreme temperatures and indices of atmospheric aridity;
- evaluation of the quality of forecasts of parameters of atmospheric aridity;
- basics of satellite data application for drought monitoring;
- key recommendations for drought mitigation and drought response preparedness in the Republic of Kazakhstan based on best experience and practice;
- the result of the analysis and collection of data on the socio-economic impacts and dynamics of droughts.

The event was held in an interactive form, which allowed the exchange of opinions, experience and aroused interest among the participants of the training.

The conducted training will increase the capacity of authorized officials of interested state bodies in forecasting, mitigating and responding to droughts at the national and local levels.



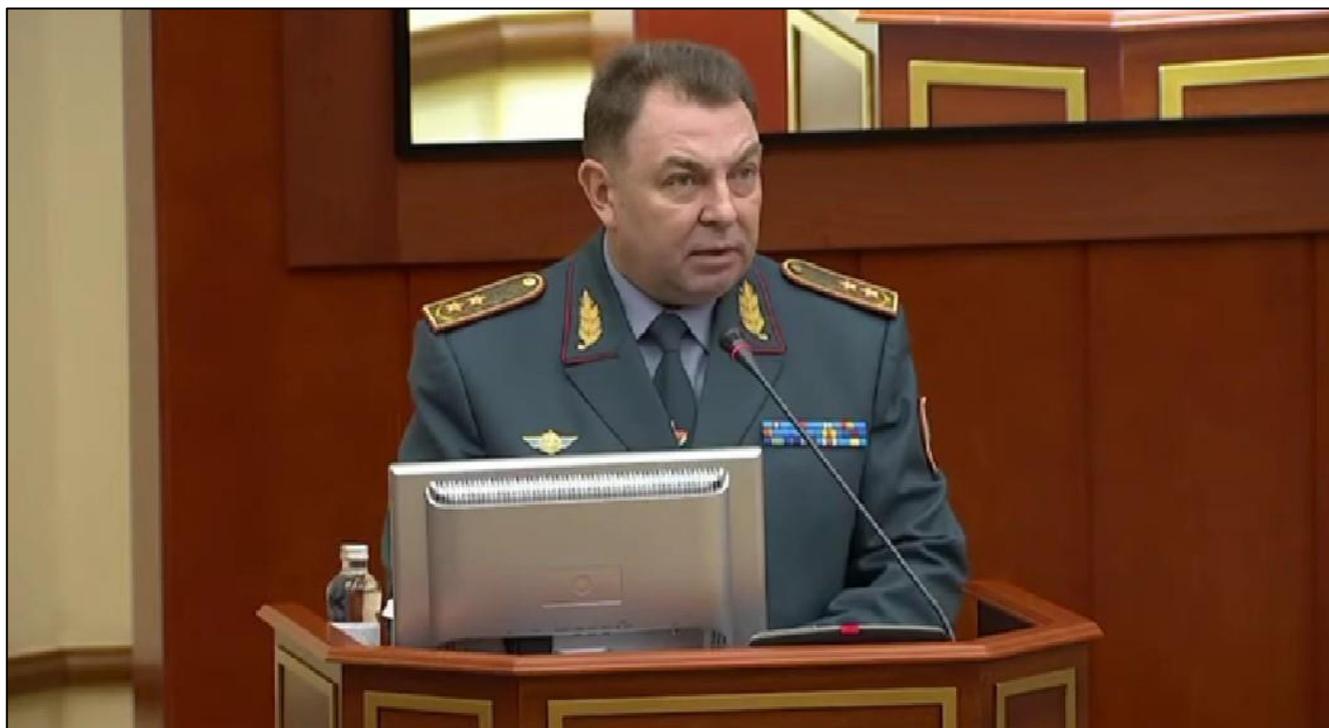
## 2023 year

Following the extraordinary summit of the Organization of Turkic States, held on March 16, 2023 in Ankara on the topic "Emergency Management and Humanitarian Aid", the Head of State made a number of proposals, including the issue of giving the Center the status of the Secretariat of the civil protection mechanism of the Organization of Turkic States.

In turn, on April 5 this year. Minister for Emergency Situations of the Republic of Kazakhstan, Lieutenant General Ilyin Yu.V. at the plenary session of the Mazhilis of the Parliament of the Republic of Kazakhstan, information was announced on the ongoing work of the Ministry in order to expand the circle of participating countries for joining the Center for Emergency Situations and Reducing the Risk of Natural

Disasters. Thus, proposals on joining the Center have been sent through diplomatic channels to all countries of Central Asia and the South Caucasus.

At the same time, the Minister emphasized that in this way the Center will acquire broader powers in the implementation of projects and programs in the field of disaster risk reduction and response to them.



## 2023 year

**MARCH 27:** The Center for Emergency Situations and Disaster Risk Reduction (hereinafter referred to as the Center), within the framework of a joint project with the United Nations Development Program (UNDP) in the Republic of Kazakhstan, conducted a final training on creating a drought response system based on drought monitoring and forecasting, based on Center.

The training was attended by representatives of the Ministry of Emergency Situations of the Republic of Kazakhstan, the Ministry of Agriculture of the Republic of Kazakhstan, the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan, the Akimat of cities and regions, the Department of Emergency Situations of cities and regions, RSE "Kazhydromet" and branches of cities and regions, RSE "Kazvodkhoz", the National Chamber of Entrepreneurs RK "Atameken" and other interested parties. The number of participants in the training exceeded 50 people.

The training participants were presented with the final developed documents on the creation of a drought response system based on drought monitoring and forecasting, finalized taking into account the proposals received from stakeholders during the previous two trainings held in Kokshetau and Astana.

The conducted training and developed draft documents will strengthen the country's capacity in forecasting and responding to droughts.

The work provides for strengthening the capabilities of the RSE "Kazhydromet" to improve the efficiency of agrometeorological monitoring and forecasting based on the development of integrated forecasting, the new design of the drought forecast bulletin, taking into account the needs and specifics of the main consumers, will not only provide information, but also understand and easily interpret for taking appropriate measures. In terms of drought response, a coordination mechanism for drought response at





## 2023 year

**APRIL 23, 2023:** As part of a working trip to Almaty, the Center was visited by the First Deputy Minister of Emergency Situations of the People's Republic of China, Mr. Xu Qiaiai, with a delegation of the Ministry of Emergency Situations of the People's Republic of China, consisting of: Head of the Emergency Coordination Department, Mr. Guo Jiwu, Head of the International Cooperation and Humanitarian Aid Department Mr. Liu Weiming, Head of the Multilateral Cooperation Section of the International Cooperation and Humanitarian Aid Department Ms. Gao Kun, Deputy Head of the Multilateral Cooperation Section of the International Cooperation and Humanitarian Aid Department Ms. Zhou Hongfan, Secretary to the Deputy Minister Mr. Zhang Jain, the official representative of the Ministry of Public Security of the People's Republic of China in Almaty, Mr. Zhang Yang, and his assistant, Mr. An Weijia.

During the visit, Mr. Xu Qiaiai got acquainted with the activities of the Center, listened to a presentation on implemented and ongoing projects, as well as on the planned activities of the Center in the field of disaster risk reduction in Kazakhstan and the Central Asian region. He shared information about the activities of his Ministry and the results achieved. He noted that this year marks the tenth anniversary of China's One Belt, One Road initiative and invited employees of the Center and the Ministry of Emergency Situations of Kazakhstan to the Forum dedicated to this event.

Mr. Xu Qiaiai stressed the importance of bilateral cooperation between Kazakhstan and China in the field of disaster risk reduction, coordination of joint efforts aimed at creating a mechanism with the participation of Central Asian countries and China for effective and timely response to emergency situations..





## 2023 год

**С 14 по 18 МАЯ:** на базе учебно-тренировочного полигона «Скальный город - Астана» в рамках первого этапа международного сбор-семинара «Казқұтқару – 2023» Центром при технической и финансовой поддержке МОГО успешно проведен мастер-тренинг по применению беспилотной авиации для задач ЧС.

В рамках мастер-тренинга инструкторами МОГО и Центра проведены теоретические и практические занятия, основное внимание было уделено послеполетной обработке данных, подготовке ортофотоплана местности и 3D модели рельефа местности, а также проведению расчетов, измерений, и использованию полученных данных в других программных обеспечениях.

Помимо теоретической и практической части обучения, проведены соревнования среди участников тренинга по трем дисциплинам: «Прохождение трассы с препятствиями за минимальное время», «Доставка малогабаритного груза пострадавшему» и «Ночной поиск».

По результатам мастер-тренинга, 51 оператору беспилотных аппаратов из Казахстана, Кыргызстана, Таджикистана и Узбекистана вручены сертификаты международного образца, при этом, двум тренерам Центра вручены сертификаты МОГО «Профессиональный тренер курса «Применение БПЛА для задач ЧС»».



2023 год

**From MAY 14 to 22:** on the basis of the training ground "Rock City - Astana" as part of the first stage of the international gathering-seminar "Kazkutkaru - 2023", the Center, with the technical and financial support of the IGO, successfully conducted a master training for cynological services of the countries of Central Asia with attraction of trainers from the Russian Federation.

As part of the training, cynologists from the Central Asian countries worked out the technique of using search dogs in search and rescue operations on a man-made blockage and in the natural environment.

The main attention of the trainers was directed to working out the interaction of the cynologist with the dog during the search operation, as well as working out the quality of the signal behavior of the service dog.

According to the results of the master training, 41 rescue dog handlers from Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan were awarded certificates of the International Civil Defense Organization.



2023 год

**MAY 17-18:** in Astana, within the framework of the UNICEF project with the support of the Bureau for Humanitarian Aid USAID, the Center conducted a two-day training in a hybrid format. The training was attended by representatives of the Ministry of Emergency Situations, the Ministry of Internal Affairs, the Ministry of Health, the Ministry of Finance, the Ministry of Science and Higher Education, the Ministry of Labor and Social Protection, the Ministry of Information and Social Development, L.N. Gumilyov, faculty of the NARKHOZ University, representatives of UNICEF, USAID.

The total number of participants in the training was more than 60 people.

The training provided will strengthen the capacity of representatives of national and local government authorities in the field of basic obligations for children in humanitarian action in accordance with their sectoral mandate, in order to improve coordination of actions in emergencies and planning of emergency services, including the use of developed or updated tools assessing and monitoring the needs and principles of protection from sexual exploitation and abuse.



2023 year

**MAY 30-31:** in Almaty, on the basis of the Center, within the framework of the UNICEF project with the support of the Bureau for Humanitarian Aid USAID, the Center conducted a two-day training in a hybrid format.

The training was attended by representatives of Public Associations, Social Funds, Department of Employment and Social Programs, volunteers, international organizations.

The total number of participants in the training was more than 50 people.

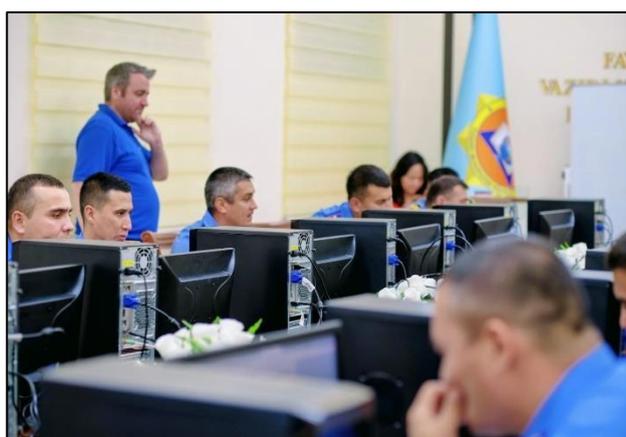
The conducted training will strengthen the capacity of the non-governmental sector of the Republic of Kazakhstan in the field of basic obligations towards children during humanitarian actions, coordination of actions in emergencies and planning the provision of services in emergencies.



**From 5 to 9 June:** in Tashkent, the Center, together with a partner, the British non-governmental organization MapAction, conducted another training for specialists from the Ministry of Emergency Situations of the Republic of Uzbekistan on the use of GIS technologies and mapping in emergency situations.

Experienced GIS experts from Great Britain and Germany were invited as trainers.

The event was attended by 16 employees of the central office and territorial divisions of the Ministry of Emergency Situations of the Republic of Uzbekistan.



**From 12 to 16 JUNE:** on the basis of the Center for Emergency Situations and Disaster Risk Reduction, together with a partner, the British non-governmental organization MapAction, a master training was held for specialists from the Ministry of Emergency Situations of the Republic of Kazakhstan and the Ministry of Emergency Situations of the Kyrgyz Republic on the use of GIS technologies and mapping in emergency situations.

Experienced GIS experts from Great Britain, Poland and Colombia were invited as trainers.

The main objective of this training is to increase the level of knowledge of employees of the Ministry of Emergency Situations in the use of GIS technologies and mapping for further use in emergency situations, as well as in order to reduce disaster risk.



**JUNE 20:** on the basis of the Center, within the framework of the implementation of the joint project with UNICEF "Improving the capacity of the emergency, health, education, social protection, and internal affairs sectors on the Core Commitments for Children in Emergencies for 2022-2023." with the support of the USAID Bureau of Humanitarian Assistance, the Center conducted a training on capacity building of stakeholders on issues of access to water, sanitation and hygiene (WASH) in emergency situations.

The training was held in a hybrid format. The training was attended by representatives of the Ministry of Emergency Situations of the Republic of Kazakhstan and territorial divisions, Akimats of cities and regions, the Department of Health, the Department of Education, the Departments of Sanitary and Epidemiological Control, the Department of Energy and Water Supply, the Department for the Development of Communal Infrastructure, the Department of Employment and Social Programs, the Rescue Service for Almaty, Utilities of the city, Branches of the Red Crescent Society, UNICEF in the Republic of Kazakhstan.

The total number of participants in the training was 191 people, of which 36 were offline and 155 online.

The training was held in an interactive form, which made it possible to listen and take into account the opinions and recommendations of the training participants, who noted the need to amend the current legislation of the Republic of Kazakhstan, which regulates the minimum life support standards for the population located in the emergency zone in terms of WASH in accordance with international standards.

The participants of the training noted the relevance of the training, an interesting format and expressed their intention to disseminate the knowledge gained in their teams.



## 2023 year

**FROM JULY 19 TO 21:** The Center for Emergency Situations and Disaster Reduction, together with the UNICEF Regional Office for Europe and Central Asia, the Regional Office of the International Federation of Red Cross and Red Crescent Societies in Central Asia, held a Regional Workshop on Lessons Learned as part of the implementation of the program funded by the UNICEF USAID Humanitarian Assistance: “Strengthening Local and National Capacity for Emergency Preparedness and Response in Central Asian Countries Highly at Risk of Earthquakes and Natural Disasters.” During the seminar, the results of the implementation of the above project in each of the five countries of Central Asia were summed up, with an emphasis on achievements, problems and challenges. The Center made a number of presentations on the results of the joint project with UNICEF and lessons learned, with a focus on vulnerable populations.

During the implementation of its component, the Center strengthened the capacity of representatives of state bodies at the national and local levels in their commitment to children in the course of humanitarian action, strengthened the capacity on issues of access to water, sanitation and hygiene (WASH) in an emergency guidelines on Basic Commitments for Children in Disasters, and worked with non-governmental organizations to support local governments in reducing risk and advancing a holistic approach to humanitarian action during emergencies.

Within the framework of the event, bilateral meetings were held between the Director of the Center Aubakirov Serik Gabdullovich and the Deputy Director of the UNICEF Regional Office for Europe and Central Asia, Mr. Octavian Bivol, and the head of the IFRC delegation in Central Asia, Ms. Seval Guzelkylynch.



**FROM AUGUST 21 TO 24:** Delegation of the Center consisting of Director Aubakirov S.G. and chief expert Ospanov B.M. took part in the ASEAN (Association of Southeast Asian Nations) Interregional Dialogue on Disaster Resilience, as well as the ASEAN Forum on Disaster Resilience, which were held in Singapore and organized by the ASEAN Secretariat with the support of the Asian Development Bank.

During the Interregional Dialogue, the Director of the Center, Aubakirov S.G. A report was presented on existing transboundary disaster risks in Central Asia and measures taken to reduce their risk, as well as planned initiatives to apply innovative technologies to improve transboundary disaster risk management approaches.

The greatest interest among regional partners was generated by the planned measures to create a Regional Early Warning System for multiple emergencies, as well as the creation of a Regional Coordination Center for Emergency Response in the countries of Central Asia for coordination and technical support of humanitarian operations based on the Center.

At the end of the first day, the Chairman of the ASEAN Emergency Committee, Mr. Pham Duc Luan, thanked the Director of the Center and expressed interest and readiness in establishing interregional cooperation between the region of Southeast Asia and Central Asia.

In the following days, on the sidelines of the ASEAN Forum, the Center's staff held a series of meetings and conversations with disaster specialists from the Asian Development Bank, headquartered in Manila (Philippines), and submitted for consideration the Center's project proposal for the creation of a Central Asian early warning system for multiple emergencies



**SEPTEMBER 5:** The Center, in pursuance of paragraph 2 of the Protocol of the Regional Forum - Meeting of the Heads of Emergency Departments of the Countries of Central Asia (signed on October 6, 2022 in Dushanbe, Republic of Tajikistan), with the support of UNISDR, UNDP and GIZ, held the First meeting of the Technical Working Group on the creation of a Regional early warning and mutual information systems about threats and emergencies (TRG).

During the introductory session, Director of the Center Aubakirov S.G. presented a presentation on the history of the origin of the idea of creating a Regional Early Warning and Mutual Information System about threats and emergencies (RSRO), and also identified the main goals and objectives for the TWG.

In accordance with the agenda, members of the TWG - representatives of Central Asian countries - informed about the state of national monitoring systems for emergencies of various types and early warning systems, outlined approaches and principles of operation of the systems, and also identified problematic issues.

The members of the TWG also reviewed the draft terms of reference for the creation of the RSRO.

Following the First Meeting, members of the TWG supported the Center's initiative to prepare a collective appeal from the heads of emergency departments of the Central Asian countries to the leadership of the UN and the World Meteorological Organization on the need to create a Regional Early Warning System for various transboundary emergencies, and also recommended the Center to analyze and evaluate existing monitoring systems and national early warning systems of Central Asian countries based on the submitted country reports and responses of TWG members in the online questionnaire.



**FROM SEPTEMBER 21 to 22:** Delegation of the Center consisting of Director Aubakirov S.G. and chief expert Ospanov B.M. took part in the Second High-Level Dialogue on Climate Change and Resilience in the Central Asian Region on the topic: “Early warning systems for climate change resilience”, organized by the UN Development Program in Kyrgyzstan, with the support of the UNDP Istanbul Regional Center within the framework of the project, EU-funded “Climate Change and Resilience in Central Asia”.

The event was attended by heads and representatives of emergency departments, hydrometeorological services, environmental and hydrological organizations of Central Asian countries, as well as international organizations and development partners.

The high-level conference provided an opportunity for stakeholders to discuss existing issues and establish cooperation in addressing pressing environmental issues facing the region. In addition, during the conference, representatives of Central Asian countries and international experts informed about available innovative solutions and best practices related to climate change resilience and early warning systems, and also demonstrated successful examples of adaptation that have been implemented in Central Asia and other subregions facing with climate change issues.

During the conference, the Director of the Center, Mr. Aubakirov S.G. gave an interview to the Khabar 24 TV channel, in which he noted that the Central Asian region unites countries with common natural conditions, the consequences of climate change and transboundary threats, so the most pressing issue is the adoption of comprehensive, synchronized measures to adapt to climate change and reduce disaster risk. An effective tool for achieving these goals can be the implementation of the initiative to create a Regional Early Warning System and mutual information about the threat and occurrence of transboundary emergencies, supported by all heads of emergency departments of the Central Asian countries.



**SEPTEMBER 27:** The Center for Emergency Situations and Disaster Risk Reduction was visited by representatives of the European Commission Directorate for Civil Protection and Humanitarian Aid (DG ECHO) in Brussels and Bangkok, as well as a delegation from the Regional Office of the International Federation of Red Cross and Red Crescent Societies for Central Asia.

During the working meeting, participants got acquainted with the activities of the Center, its main tasks and the possibility of interaction and participation in the work of the Center.

The Director of the Center, Mr. S. Aubakirov, provided information on measures taken to improve the Regional Coordination Mechanism for emergency response, as well as to create a Central Asian regional early warning system for emergency situations.

In addition, the delegation of DG ECHO was informed about the visit of the CESDR to the European Coordination Center for Emergency Response in Brussels, during which the principles and methods of work of this center were studied in order to apply its best practices in the CESDR in Almaty when coordinating the liquidation of large-scale and cross-border emergency situations in Central Asia.

In addition, the Center submitted for consideration of the participants a project proposal on the creation of a Regional Coordination Center for Emergency Response in Central Asian countries for coordination and technical support of humanitarian operations on the basis of the Central Emergency Response Center.

As a result of the exchange of views and discussions, the parties agreed to strengthen mutual cooperation and identified directions for future joint work in the field of disaster risk reduction and capacity building and the use of advanced information technologies, such as the EU Copernicus surveillance progra



**FROM SEPTEMBER 27 to 28:** Delegation of the Center consisting of Director Aubakirov S.G. and Senior expert Esniyazova Z.S. took part in a high-level event on the results of the Regional Study “Climate Resilient and Low-Carbon Cities of Central Asia”, organized by the World Bank, the Global Fund for Disaster Risk Reduction and Recovery's Cities Resilience Program, and the Urban Forum Kazakhstan Community Foundation.

The event was attended by leaders and representatives of emergency departments, government agencies, experts, practitioners and development partners involved in urban development, climate change mitigation and adaptation to climate change.

Workshop participants were presented with a year-long study that used quantitative, qualitative and spatial analysis to develop evidence-based recommendations and evaluate policy options for developing sustainable and low-carbon cities.

During the seminar, the Director of the Center, Mr. Aubakirov S.G. in his welcoming speech, he noted the role of the Center in interaction with partners on the issues of sustainable development of the urban environment and disaster risk management in the region within the framework of the Central Asian Initiative and the “Increasing Cities Resilience by 2030” (MCR2030) initiative.

In his welcoming speech, the Chairman of the Committee for Emergency Situations and Civil Defense under the Government of the Republic of Tajikistan, Colonel General of Militia R.U. Nazarzoda, thanked representatives of the World Bank for the work carried out in Tajikistan, and spoke about the aspects and approaches used for urban development and mitigating the impact of change climate.

The relevance of the work being carried out and the importance of sharing experience were noted in their welcoming speech by the Deputy Head of the Foreign Ministry Representative in Almaty Islambek Raimov, Deputy Akim of the Almaty Region Almas Botanov, and World Bank Resident Representative Andrey Mikhnev.

Group discussions and sessions held during the workshop allowed for the exchange of knowledge on aspects of the state of urban development and the promotion of innovative approaches for climate mitigation at the regional and national levels.

A number of bilateral meetings were held on the sidelines of this event.

Thus, a meeting was held with representatives of the World Bank, the head of the practice of the World Bank office in Austria, Christoph Pusch, the senior specialist in urban development and disaster risk management Chi-Yun-Huang, the representative of the World Bank in Kyrgyzstan Tolkyn Dzhukusheva, the consultant on operational issues Madina Nizamitdin and the director Center by Aubakirov S.G.

Representatives of the World Bank gave a positive assessment of the Center's role in interaction with partners in the field of DRR and adaptation to climate change in the Central Asian region and discussed further steps towards cooperation.

On September 28, a meeting was held with representatives of UNDRR with the national coordinator in Kazakhstan Bekmagambetova Samal and the national coordinator in Tajikistan Kodirov Dilshod on the issues of holding a meeting of the Working Group of Experts of the Regional Forum-Meeting of Heads of Emergency Authorities of Central Asian Countries and the Forum itself.



**SEPTEMBER 28:** As part of the World Bank seminar on regional research “Climate change-resilient and low-carbon cities of Central Asia” in Almaty, the Center for Emergency Situations and Disaster Risk Reduction was visited by the Chairman of the Committee for Emergency Situations and Civil Defense under the Government of the Republic of Tajikistan, Colonel General Nazarzoda RU.

During the visit, the meeting participants got acquainted with the activities of the Center, heard a brief report on the implemented and ongoing projects, as well as on the planned activities of the Center in Kazakhstan and the Central Asian region, including the progress of preparations for the Regional Forum-Meeting of the Heads of Emergency Departments of the Central Asian Countries with presentation of the agenda.

Thus, the Concept of strengthening the capacity of Central Asian countries in adaptation and resilience to climate change and disaster risk reduction by creating interactive maps and digital safety passports of Central Asian countries was presented.

The head of the emergency department of the Republic of Tajikistan emphasized the strengthened role of the Center in stimulating regional cooperation in the field of DRR, noting the importance of coordinating joint efforts aimed at creating a Regional Emergency Response Coordination Mechanism with the participation of Central Asian countries for effective and timely response to emergency situations.

The parties discussed the idea of placing humanitarian aid (UNICEF sanitary and hygiene kits) in warehouses of Central Asian countries in order to bring readiness closer and promptly provide timely humanitarian assistance to the population affected by disasters of various types.

At the end of the meeting, Mr. Nazarzoda personally invited the Director of the Center, Mr. Aubakirov, to the Asian Conference on Disaster Reduction, which this year will be held in Dushanbe on October 20, 2023 with the opportunity to present the potential and development priorities of the Center to representatives of 28 participating countries Asian Center for Disaster Preparedness in Kobe, Japan.



**OCTOBER 4:** In the city of Almaty, in preparation for the Regional Forum - the Meeting of the Heads of Emergency Authorities of the Central Asian Countries with the support of UNDRR, UNDP, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), a meeting of the Working Group (experts) of the Regional Forum was held at the Center - Meetings of Heads of Emergency Authorities of Central Asian countries.

Experts from Central Asian countries discussed the agenda of the Regional Forum proposed by the Center regarding the relevance of the issues raised in it for the Central Asian region, reviewed and agreed on a number of draft documents proposed for discussion at the upcoming Regional Forum on November 10 of this year.

The presented materials are aimed at implementing practical measures to develop and deepen regional cooperation in the field of disaster risk reduction and strengthening preparedness to respond to emergency situations, and also provide for the introduction of modern approaches to disaster risk management using innovative technologies, support for the Regional Initiative for the creation of the Central Asian early warning systems and mutual information about the threat and occurrence of emergency situations, increasing the resilience of cities in the region and promoting innovative approaches to mitigate climate impacts at the regional level.

Experts from Central Asian countries expressed their intention to intensify joint efforts in taking further regionally coordinated measures to achieve a higher quality level of regional cooperation among Central Asian countries that meets the vital interests of the countries of the region in ensuring sustainable development



**OCTOBER 20:** The Center for Emergency Situations and Disaster Risk Reduction took part in the Asian Conference on Disaster Reduction, which took place in Dushanbe as part of the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030.

The conference was attended by representatives of ministries and emergency departments of 30 Asian countries (Armenia, Bhutan, Malaysia, Maldives, Mongolia, Papua New Guinea, Philippines, Singapore, Sri Lanka, Tajikistan, Thailand, Turkey, Vietnam, Korea, Japan and others), representatives of diplomatic missions, donor organizations and UN agencies. A welcoming speech was made by the Deputy Prime Minister of Tajikistan, Ms. Sattoriyon M., as well as the Special Representative of the UN Secretary-General for Disaster Risk Reduction, Ms. Mami Mizutori, in an online format.

During the conference, special attention was paid to issues of cooperation in the field of disaster risk reduction. In particular, the participants discussed the progress of implementation of the Sendai Framework in the member countries of the Asian Center for Disaster Reduction.

The event found ways to address recurring large-scale disasters on land and increasing disasters related to the climate crisis in Asia from a perspective that promotes digital transformation (DX).

During the event, representatives of foreign countries became interested in the activities of the Center and expressed their readiness to cooperate more closely with the Center.



**NOVEMBER 09:** The fourteenth meeting of the Council of the Center for Emergency Situations and Disaster Risk Reduction, chaired by the Kazakh side, was held at the Center. The meeting was attended by the Minister of Emergency Situations of the Republic of Kazakhstan Shariphanov S.D., First Deputy Minister of Emergency Situations of the Kyrgyz Republic Mambetov A.M.

At the meeting, members of the Council were presented with the results of the Center's work for 2023 and priority areas of activity for 2024, and information was provided on the progress of the Center's implementation of projects in the field of civil protection, adaptation to climate change and emergency situations in the countries of Central Asia. The Council adopted a report on the execution of the budget for 2023 and approved the budget for 2024, and considered personnel issues.

The heads of emergency departments noted the effectiveness of the Center in Central Asia in the field of disaster risk reduction.

On the same day, a meeting of the Working Group (experts) of the Regional Forum-Meeting of the Heads of Emergency Authorities of Central Asian Countries was held at the Center.

Experts from Central Asian countries discussed and agreed on draft documents proposed for discussion at the upcoming Regional Forum-Meeting of Heads of Emergency Authorities of Central Asian Countries.

Also, on November 9 of this year, within the framework of the UN ISDR project "Subregional Implementation of the Sendai Framework in Central Asia" to achieve the Global Targets defined by the Sendai Program for DRR for 2015-2030, instructional and methodological classes were held on monitoring the implementation of the Sendai Framework on DRR for 2015-2030 for representatives of government agencies of Central Asian countries.



**NOVEMBER 10:** In the city of Almaty, under the chairmanship of the Kazakh side, a high-level event took place - the next Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asian Countries.

Delegations led by heads of emergency departments of the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan and the Republic of Uzbekistan, representatives of UN agencies, donors, international and non-governmental organizations took part in the work of the Regional Forum.

During the event, attention was paid to issues of international cooperation in the field of disaster risk reduction, as evidenced by speeches on regional programs and projects in the field of disaster risk reduction from such partners as UNDRR, UNDP, GIZ, the World Bank, the Swiss Agency for Development Cooperation, the Economic Commission for Europe, UNICEF, IFRC, MapAction. In addition, issues of further cooperation within the framework of the implementation of the Sendai Framework Program in the countries of the region were discussed.

The issue of ensuring public access to early warning systems for various disasters has become particularly significant. The heads of Emergency Authorities, having discussed this issue, signed an Appeal to UN Secretary-General Antonio Guterres on the issue of creating a Regional Early Warning System and mutual information about the threat and occurrence of transboundary emergencies.

On the sidelines of the Regional Forum, a number of bilateral meetings were held between the heads of emergency departments of the Central Asian countries with the Head of the regional office of the UN Office for Disaster Risk Reduction for Europe and Central Asia, Natalia Alonso Cano, with the Regional Technical Advisor on Climate and Disaster Resilience of the UNDP Regional Center in Istanbul Stanislav Kim, with the Head of the GIZ project "Climate Risk Management in Central Asia" Sergei Makarov, with the Head of the IFRC Delegation for Central Asia Ms. Seval Guzelkilinch.



2023 year

**NOVEMBER 10:** as part of the Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asian Countries, the Center for Emergency Situations and Disaster Risk Reduction was visited by the Minister of Emergency Situations of the Republic of Uzbekistan, Major General A.Kh. Kuldashev.

During the visit, Abdulla Khamidullayevich got acquainted with the resource and technical potential, the history of the creation and activities of the Center, as well as planned events in the Central Asian region.

The Head of the Emergency Authorities of the Republic of Uzbekistan thanked the Center for the work being done to strengthen cooperation between emergency departments in the region and the ongoing projects aimed at reducing disaster risk in the countries of Central Asia, and noted the importance of holding the Regional Forum as a constructive dialogue to discuss the situation in the region and identify the main tasks.



**DECEMBER 5:** The Center, together with the International Federation of Red Cross and Red Crescent Societies, organized and held a Regional Consultative Seminar on International Disaster Response Law (IDLR) as part of the implementation of the Regulations on the Regional Coordination Mechanism for Emergency Response in Central Asia, approved by the decision of the Regional forum-Meeting of Heads of Emergency Authorities of Central Asian countries on November 5, 2021 in Tashkent, Republic of Uzbekistan.

The event was attended by representatives of emergency departments of Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan, as well as international organizations involved in humanitarian activities, such as UN agencies (UNICEF, UNDRR, UNDP, UNHCR, OCHA, WFP, WHO), World Bank, CAREC, and also represented the national Red Crescent Societies of the Republic of Kazakhstan, Kyrgyzstan, Tajikistan, Germany, Turkmenistan, Uzbekistan.

During the seminar, representatives of the emergency authorities of the Central Asian countries and humanitarian organizations discussed the preliminary recommendations of the international expert Dr. Carlo de Stefano based on the results of the study regarding the effective implementation of the Regional Coordination Mechanism for Emergency Response in Central Asia based on the contents of the Regulations and Guidelines for the MHRD and emphasized the relevance of the study to develop the necessary steps to achieve this goal.

In addition, the participants of the seminar noted the importance of creating, on the basis of the Central Black Sea Disaster Resistance Center, a Regional Coordination Center for the coordination of humanitarian activities for the states of Central Asia, capable of coordinating the activities of key participants in responding to emergency situations and providing international humanitarian assistance, operating around the clock and capable of monitoring and providing minimal timing information about the threat or occurrence of emergency situations in the Central Asian states.



**DECEMBER 8:** Director of the Center Aubakirov S.G. at the invitation of the Senate of Parliament, spoke at Parliamentary hearings on improving the civil protection system, organized by the Committee on International Relations, Defense and Security of the Senate of Parliament. The meeting participants discussed amendments to the relevant law and voiced their proposals.

Opening parliamentary hearings, the Senate Speaker noted that improving the civil protection system is of strategic importance for the country. The increasing frequency of fires of a natural and man-made nature, according to Maulen Ashimbaev, indicates the need to revise legislative acts relating to emergency situations.

During the meeting, reports were made by the Minister of Emergency Situations Syrym Shariphanov, the Minister of Ecology and Natural Resources Yerlan Nysanbaev, the akim of the West Kazakhstan region Nariman Turegaliev in an online format, the representative of the International Academy of Engineering and the director of the Center for Emergency Situations and Disaster Risk Reduction Serik Aubakirov.

Director of the Center Serik Aubakirov spoke about the research conducted by the Center in order to harmonize national legislation in the field of civil protection, by bringing together national standards, including the UN glossary. Thus, the director voiced the key terms “disaster”, “disaster risk”, “disaster risk profile”, “resilience”, “risk reduction”, “climate change”, “risk management”, used in the current edition of the Law on Civil Protection, but due to their absence in the conceptual apparatus of the current law and in the draft, during the hearings the director proposed to add to the glossary of the bill.

The result of the parliamentary hearings was a draft Recommendation on improving the civil protection system of the Republic of Kazakhstan, which took into account the proposals of the Director of the Center.





**DECEMBER 7-8:** Deputy Director of the Center Chekirbaev M.A. took part in the Eighth Meeting of the Regional Expert Group of the Asia-Pacific Center for the Development of Disaster Information Management, which took place in Dushanbe, Republic of Tajikistan.

This event was organized by the Committee for Emergency Situations and Civil Defense under the Government of the Republic of Tajikistan together with the Asia-Pacific Center for the Development of Disaster Information Management (APDIM).

The meeting was attended by representatives of the emergency departments of Bangladesh, India, Iran, Cambodia, Kazakhstan, Kyrgyzstan, Macau, Micronesia, Mongolia, Turkey and Tajikistan, and representatives of international organizations.

The main objective of the Regional Expert Group meeting was to promote knowledge sharing, innovative solutions and best practices in disaster management, with a focus on integrating data, technology and policy to improve preparedness, and response capabilities in the Asia-Pacific region.

During the meeting, a presentation was made on the activities of the Center for Emergency Situations and Disaster Risk Reduction in the field of using innovative information and communication technologies in monitoring possible disasters, assessing, analyzing and reducing disaster risk, preventing and responding to emergencies.

The Asia-Pacific Center for the Development of Disaster Information Management (APDIM) expressed interest in further cooperation with the Center for Emergency Situations and Disaster Risk Reduction.



**DECEMBER 3-8:** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (German Society for International Cooperation) within the framework of the project “Climate Risk Management in Central Asia” organized a working visit to Bonn (Germany), in which took part the Senior expert of the Center Ospanov B.M. The main purpose of the trip is to obtain information and engage in constructive dialogue to explore approaches, best practices and technologies related to climate risk management and transboundary early warning systems for hydrometeorological disasters in Germany and Europe.

The event was attended by representatives of hydrometeorological services, water resource management organizations and emergency departments of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.

During the first day, participants visited the German Committee for Disaster Risk Reduction, an association based in Bonn that aims to promote disaster risk reduction. Committee staff provided information on the current national early warning system in Germany, which includes 359 receiving and transmitting stations of federal and regional significance.

The following days were devoted to studying the catastrophic flood in Germany that occurred in July 2021, which killed 136 people in West Germany and caused material damage of more than 30 billion euros. Participants visited affected communities in the Ar Valley of North Rhine-Westphalia and spoke with local government officials.

During the summing up of the trip, the participants noted the importance of the measures taken by the Center to create a regional early warning system for transboundary disasters, the need to develop volunteer activities in the field of disaster risk reduction using the example of Germany, and also emphasized its high efficiency.



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The Director of the Center spoke about the research conducted by the Center in order to harmonize national legislation in the field of civil protection, through the convergence of national standards, including the UN glossary. Thus, the director voiced the key terms “disaster”, “disaster risk”, “disaster risk profile”, “resilience”, “risk reduction”, “climate change”, “risk management”, used in the current edition of the Law on Civil Protection, but due to their absence in the conceptual apparatus of the current law and in the draft, during the hearings the director proposed to add to the glossary of the bill.

The result of the parliamentary hearings was a draft Recommendation on improving the civil protection system of the Republic of Kazakhstan, which took into account the proposals of the Director of the Center.

## 2023 YEAR – MAIN RESULTS OF THE CENTER’S ACTIVITIES

- ◆ Work continues on the implementation of joint coordinated measures to integrate early warning systems for earthquakes in the Republic of Kazakhstan and the Kyrgyz Republic. In addition, a technical working group has been created to create a Regional Early Warning System and mutual information about threats and emergencies. On 09/05/2023, the first meeting of the technical working group on the creation of the REWS was held on the basis of the Central Emergency Service of Russia.
- ◆ On the initiative of the Center and ICDO, since 2018, organizational support has been provided to establish cooperation and interaction between diving and canine services of Kazakhstan and Kyrgyzstan. In 2023, on the basis of the training ground “Rock City - Astana”, as part of the first stage of the international training seminar “Kazkutkaru - 2023”, the Center, with the technical and financial support of ICDO, successfully conducted a master training for canine services of the countries of Central Asia. Based on the results of the master training, the 41st rescue dog handler from Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan were awarded certificates from the International Civil Defense Organization. In addition, in 2023, on the basis of the training ground “Rock City - Astana”, as part of the first stage of the international training seminar “Kazkutkaru - 2023”, the Center, with the technical and financial support of ICDO, successfully conducted a master training on the use of unmanned aircraft for emergency situations. Based on the results of the master training, 51 operators of unmanned aerial vehicles from Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan were awarded international certificates, while two trainers of the Center were awarded ICDO certificates “Professional trainer of the course “Using UAVs for emergency situations”.
- ◆ The Center, together with the UN Office for Disaster Risk Reduction, in order to contribute to the achievement of the Global Targets defined by the Sendai Agenda for Disaster Risk Reduction for 2015-2030 and within the framework of the project “Strengthening regional cooperation and facilitating the implementation of the Sendai Agenda for Disaster Risk Reduction in Central Asia » conducted 6 instructional and methodological sessions this year on monitoring the implementation of the Sendai Framework Program for Disaster Risk Reduction for 2015-2030 for representatives of government agencies of Central Asian countries.
- ◆ The Center, together with UNICEF in the Republic of Kazakhstan, carried out a number of activities in 2023 to strengthen the capacity of the non-governmental sector of the Republic of Kazakhstan in the field of basic obligations towards children during humanitarian actions, coordination of actions in emergencies and planning the provision of services in emergencies.
- ◆ With the support of the UN Office for Disaster Risk Reduction, the UN Development Program, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), on November 10, in Almaty, under the chairmanship of the Kazakh side, a high-level event was held - Regional Forum - Meeting of the Heads of Emergency authorities of Central Asian Countries.
- ◆ On the initiative of the Center, by the decisions of the Regional Forum - Meeting of the Heads of Emergency Authorities of the countries of Central Asia:
  - ✓ The Initiative to create a Digital Atlas of Transboundary Hazards in Central Asian Countries was approved.
  - ✓ Signed an Appeal from the heads of emergency authorities of the Central Asian countries to the UN Secretary-General Antonio Guterres on the issue of creating a Regional Early Warning System and mutual information about the threat and occurrence of transboundary emergencies.
- ◆ At the initiative of the Center, with technical and financial support from the United Nations Office for Disaster Risk Reduction, the United Nations Development Program, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), two meetings of the Working Group (experts) of the Regional Forum - Meeting of the Heads of Emergency authorities of Central Asian Countries were held:
  - ✓ In October 2023 in Almaty, under the chairmanship of the Kazakh side.
  - ✓ In November 2023 in Almaty, under the chairmanship of the Kazakh side.
- ◆ The Center, by attracting investments in the form of grant funds from donor agencies and international organizations, as an executive agency, in 2023 implemented the following projects in the field of strengthening regional cooperation, disaster risk reduction and emergency prevention:

1. FAO project in the Kyrgyz Republic “Institutionalization of methodology for assessing damage and losses for the agricultural sector in Kyrgyzstan.” Implementation period: January 2022 - June 2023;
2. UNICEF project “Increasing the capacity of the sectors of emergency situations, health, education, social protection, internal affairs on the issues of basic obligations regarding children in emergency situations.” Implementation period: 2022-2023;
3. Component of the UNDP Project “Creating a drought response system based on drought monitoring and forecasting.” Implementation period: January-March 2023;
4. ICDO project “Training canine services of emergency departments of Central Asian countries.” Implementation period: May 2023.
5. ICDO project “Strengthening the capacity of emergency departments of Central Asian countries to use unmanned aircraft for emergency situations.” Implementation period: March-May 2023.
6. UNDP project in the Kyrgyz Republic “Reducing risks and vulnerability from glacial lake outburst (GLOF) and mudflows in Kyrgyzstan through strengthening the national disaster monitoring system and the adaptive capacity of communities.” Implementation period July 2023 – March 2024
7. GIZ Green Central Asia project “Climate Risk Management”. Implementation period: July 2023 - June 2025.
8. GIZ Green Central Asia project “Co-financing of the Regional Forum-Meeting of the Heads of Emergency Authorities of Central Asian Countries.” Implementation period: 2023.
9. GIZ Green Central Asia project “Strengthening the material and technical equipment of the Central Emergency Situations Center”. Implementation period: July 2023 - June 2025.
10. Project of the OSCE office in Astana “Strengthening the capacity of the Republic of Kazakhstan in adaptation and resilience to climate change and disaster risk reduction by creating interactive maps and digital safety passports of the regions of Kazakhstan.” Implementation period: July 2023 - December 2024.
11. UNDRR project “Support for 2023 for the subregional implementation of the Sendai Framework in Central Asia.” Implementation period: August 2023 - January 2024.
12. Project of the UNDP Regional Center in Istanbul and the CIS “Co-financing of the Regional Forum-Meeting of the Heads of Emergency Authorities of Central Asian Countries.” Implementation period: 2023.
13. MapAction project “Strengthening the capacity of emergency departments of Central Asian countries in the application of GIS technologies and mapping in emergency situations.” Implementation period: 2023.
14. IFRC project “On cooperation on international disaster law.” Implementation period: November 2023-February 2024.

- ◆ The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and conducted 27 international events (conferences, forums, seminars, trainings, meetings, conferences) in the field of disaster risk reduction and emergency situations.

1,325 people took part in these events, exchanged experience, gained new knowledge, and improved their skills in the field of disaster risk reduction and emergency situations, including:

- ◆ 851 representatives of government bodies of the Republic of Kazakhstan.
- ◆ 48 representatives of government bodies of the Kyrgyz Republic.
- ◆ 106 representatives of government bodies of Central Asian countries and other states.
- ◆ 36 representatives of scientific institutions and independent experts.
- ◆ 284 representatives of international and non-governmental organizations.

- ◆ 1 meeting of the Center Council was held.
- ◆ 1 meeting of the Regional Scientific and Technical Council was held.

2024

**JANUARY 19:** As part of a series of meetings of the delegation of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (German Society for International Cooperation) with regional partners, Mr. Joachim Fritz, GIZ Country Director for Kazakhstan, Uzbekistan, and Turkmenistan, and Mr. Thorsten Brezina, GIZ Cluster Coordinator for Climate, Water, and Energy in Central Asia, paid a familiarization visit to the Center for Emergency Situations and Disaster Risk Reduction.

During the visit, GIZ representatives learned about the Center's resource and technical potential, history, and activities, as well as planned activities in the Central Asian region.

The Center's Director, Mr. S.G. Aubakirov, expressed gratitude to GIZ for its support in holding the Regional Forum – Meeting of Heads of Emergency Management Agencies of Central Asian Countries in 2023, and also confirmed the Center's readiness to successfully implement a joint two-year project to create a transboundary early warning system for hydrological hazards.

In turn, Mr. Joachim Fritz thanked the Center for its work in climate change adaptation and disaster risk reduction in Central Asia and praised the Center's achievements in strengthening regional cooperation and building a constructive dialogue to discuss the situation in the region and identify key challenges and objectives. In his speech, Mr. Brezina noted the relevance and importance of expanding the Center's participating countries and expressed his intention to further strengthen cooperation between GIZ and the Center in disaster risk reduction in Central Asia.





From January 28 to February 2, the Director of the Center, Mr. Serik Gabdullovich Aubakirov, as part of a delegation from the Ministry of Emergency Situations of the Republic of Kazakhstan headed by the Vice Minister of Emergency Situations of Kazakhstan, E.S. Nurpeisov, took part in a familiarization working visit to Japan on disaster management.

The working visit was organized with the support of the Japan International Cooperation Agency (JICA).

During the working visit, the delegation of Kazakhstan visited the Nagaoka Civil Disaster Management Core, the Nagaoka City Disaster Prevention and Crisis Management Headquarters, and the Nagaoka Kyoku Mirai Earthquake Archive Center. They also discussed disaster prevention and disaster safety promotion in Nagaoka with the Chuetsu organization. They also held a discussion with the Niigata Prefectural Industrial Policy Department, learned from the experience of the Niigata Prefectural Disaster Prevention Bureau, and met with Ms. Imoto Sashiko, Vice President of JICA in Tokyo, who is responsible for the East, Central Asia, and Caucasus region.

The delegation members studied Japan's experience in disaster risk reduction, with particular attention paid to seismic safety and earthquake-resistant construction.

At the end of the working visit, a reception was held with the Ambassador Extraordinary and Plenipotentiary of the Republic of Kazakhstan to Japan, Mr. Sabr Sailaubekovich Yesimbekov, and the Deputy Governor of Niigata Prefecture, Mr. Kasatori Koyuchi.

Following the event, representatives from JICA Headquarters in Tokyo expressed interest in the Center's activities and expressed their willingness to collaborate more closely with the Center at the regional level. They discussed the possibility of holding joint events for the Central Asian region in the area of disaster risk reduction at the Center, particularly in 2024 on early warning systems and seismic safety.



**FEBRUARY 20:**The German Society for International Cooperation (GIZ) GmbH held a regional workshop on

climate risk assessment and capacity development in Tashkent as part of the GIZ project's Regional Program "Climate Risk Management in Central Asia." During the workshop, experts and practitioners from Central Asian countries working in the water and climate sectors discussed the challenges and opportunities associated with climate risks in five previously selected river basins: Isfayram-Sai in Kyrgyzstan and Uzbekistan, Shakimardan in Kyrgyzstan and Uzbekistan, Zarafshan in Tajikistan and Uzbekistan, Murgap in Turkmenistan, and Chon-Kemin/Chu River in Kyrgyzstan and Kazakhstan.

On 21 February 2024, GIZ held the Second Meeting of the Steering Committee of the Regional Programme "Climate Risk Management in Central Asia", in which the Centre participated as a key partner of GIZ in Central Asia.

During the meeting, the Center's Director, Mr. S. Aubakirov, informed the participants about the measures taken to create a Regional Early Warning System for Multiple Emergencies, as well as plans for implementing a joint GIZ project.

The Centre has been designated as the implementing partner of the Programme for components II and III.



2024

**MARCH 1:**The Center took part in the VIII International Scientific and Practical Conference "Civil Defense for Peace and Security," dedicated to World Civil Defense Day, organized by the Academy of the State Fire Service of

the Ministry of Emergency Situations of Russia.

In his welcoming speech, the Center's Director, Mr. S.G. Aubakirov, congratulated all conference participants on World Civil Defense Day and noted the importance and relevance of using modern technologies to prevent and respond to emergency situations:

*"The use of innovative information and communication systems should be considered a key tool in disaster risk management, which not only increases the level of safety but also contributes to the creation of a more resilient and adaptive society to the challenges of the modern world."*-the Director of the Center noted in his speech.



2024

**MARCH 6:**The Centre moderated the Fourth Steering Committee Meeting of the European Union-funded Strengthening Financial Resilience and Accelerating Disaster Risk Reduction in Central Asia (SFDRR) Program. Program stakeholders, including the European Union, the World Bank, the Global Facility for Disaster Reduction and Recovery (GFDRR), members of the Regional Scientific and Technical Board, and Sendai Framework National Focal Points, discussed the progress achieved and the actions needed to further strengthen resilience in the region.

Among other tasks, the Program developed the first unified regional multi-hazard risk assessment: the assessment included a consolidated overview for all five countries, as well as a series of capacity-building workshops on disaster risk financing and hazard, exposure, and vulnerability assessment. The results of this work will be taken into account in national investment decisions in subsequent years.

During the discussion, the RNTS members, as representatives of the scientific community, focused on exchanging experience in studying hazardous natural processes and phenomena, including seismic risk reduction in the Central Asian region and the need to implement measures to integrate early warning and earthquake notification systems.

Following the meeting, the Coordination Council approved the minutes of the third meeting, which took place on March 1, 2023.



## 2024

**MARCH 27**, The final seminar on the results of the UNDP project "Supporting collective responses to climate emergencies and creating sustainable development pathways to maintain human security and green transformations" was held in Bishkek.

Within the framework of this project and the Letter of Agreement between the United Nations Development Programme and the Center for Emergency Situations and Disaster Risk Reduction for the implementation of the UNDP project, funded by the Government of Japan, the Center implemented a component of the project "Reducing the risks and vulnerability to glacial lake outburst floods (GLOFs) and mudflows in Kyrgyzstan through strengthening the national disaster monitoring system and the adaptive capacity of communities."

The final seminar was attended by representatives of ministries and departments, scientific institutions

involved in high-mountain lake issues, and other interested parties.

The project developed an information system for monitoring lake outburst hazards, equipped with proprietary machine-learning algorithms. This will effectively prevent or minimize damage from natural disasters, particularly glacial lake outbursts and mudflows, and improve the accuracy and timeliness of flood and mudflow forecasting.



## 2024

**APRIL 8:** In connection with the current flood situation in a number of regions of the Republic of Kazakhstan, the Center, together with UNICEF in Kazakhstan and the Red Crescent Society of the Republic of Kazakhstan, in agreement with the Ministry of Emergency Situations of the Republic of Kazakhstan, made a decision to provide humanitarian aid to the affected population of the Aktobe region.

The humanitarian cargo included **200** sanitary and hygienic kits for families with children, **260** bedding sets, as well as footwear, clothing and hand tools.

**200** sanitary and hygiene kits were distributed to affected families with children in **6** temporary accommodation centres for the population (1 set is designed for 1 family consisting of 5 people, including children, for a total of 1,000 people, including 600 children).

In total, in Aktobe city deployed **15** reception points for the affected population, where they are located **1286** persons, including **638** children. Thus, humanitarian aid was received **78%** temporarily housed population, and practically **94%** children.

This approach of pre-positioning humanitarian aid made it possible to carry out the humanitarian operation in 5 days.



2024

**APRIL 11:**The Centre took part in a meeting of the UN Technical Group on Disaster Preparedness chaired by the UN Resident Coordinator in Kazakhstan, Ms. Michaela Friberg-Story.

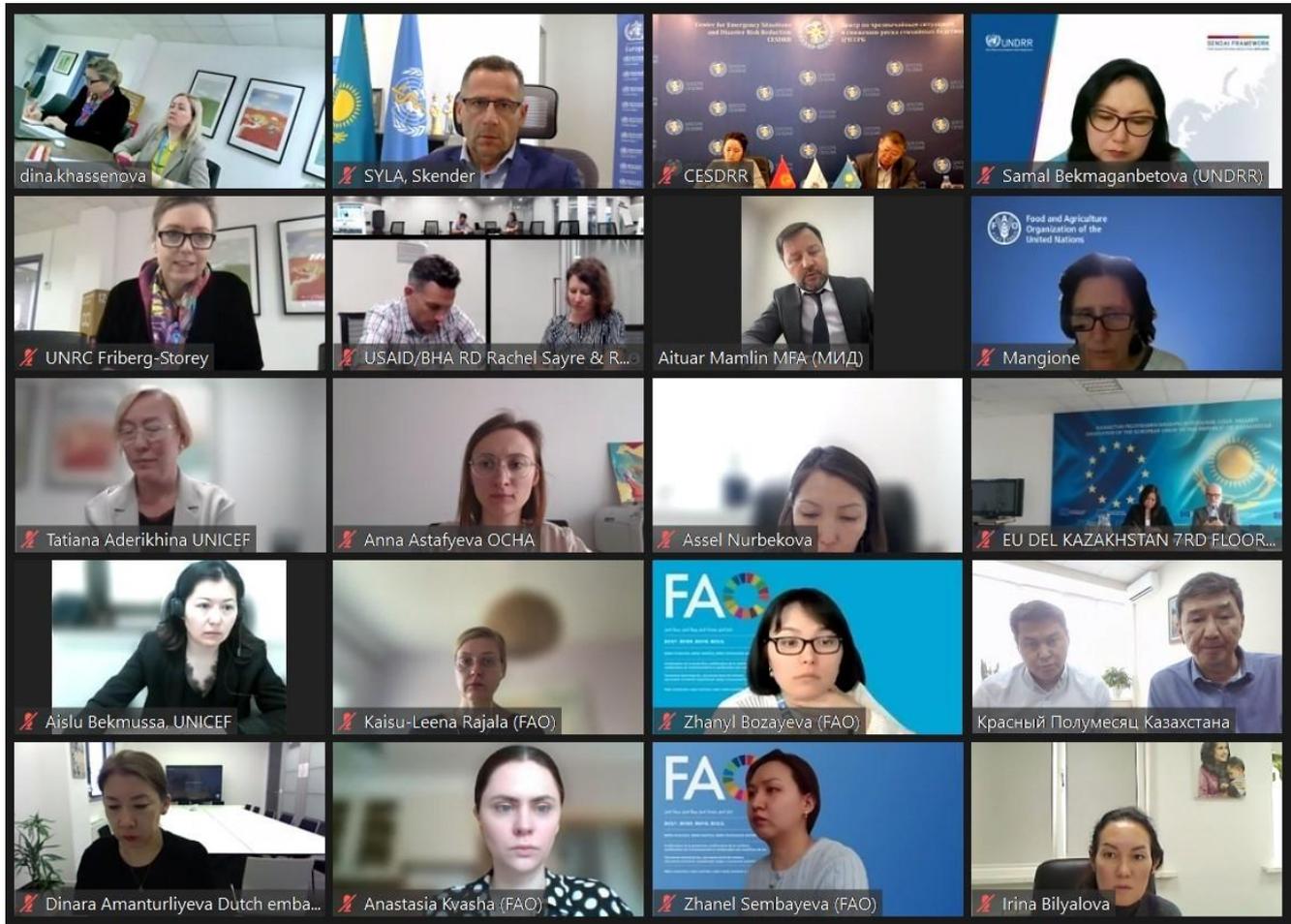
The meeting was attended by representatives of leading international organizations and diplomatic missions present in Kazakhstan and Central Asia, such as the EU, USAID, ADB, OKP, the embassies of Germany and the Netherlands, and UN agencies (FAO, UNICEF, OCHA, USDRR, UNDP).

At the meeting, Mr. Serik Aubakirov informed the participants about the current flood situation in the Republic of Kazakhstan and about the successful humanitarian operation carried out in the Aktobe region, during which, with the support of the regional Department of Emergency Situations, UNICEF and the Red Crescent Society 200 sanitary and hygiene kits were distributed to affected families with children in 6 temporary accommodation centres for the population (1 set is designed for 1 family consisting of 5 people, including children, for a total of 1,000 people, including 600 children).

Furthermore, the Center reported that it is working with the OSCE to create interactive maps and digital safety passports for Kazakhstan's regions, i.e., a Digital Risk Atlas for Kazakhstan, which is an effective tool for predicting potential emergencies, including water security emergencies. The possibility of expanding this

project to the Central Asian region was also discussed.

Summing up the meeting, Ms. Michaela Friberg-Story expressed the international community's readiness to work together and support each other to ensure an effective response to crises and minimize their negative impact on society.



2024

**From April 16 to 19:** A four-day seminar on earthquake risk reduction and management was held at the Center with the participation of Japanese seismic safety experts.

This event was held by the Japan International Development Agency (JICA) jointly with the Center, with the support of the Kazakh State Research and Design Institute in Construction (KazRICA), the National Scientific Center for Seismological Observations and Research of the Ministry of Emergency Situations of the Republic of Kazakhstan (NSCSR), the Kazakhstan Agency for International Development (KazAID) under the Ministry of Foreign Affairs of the Republic of Kazakhstan, and the Embassy of Japan in the Republic of Kazakhstan.

The participation of representatives of emergency response agencies, the Almaty city administration, scientific and educational institutions, and seismic engineering and seismic safety organizations from the countries of Central Asia and the Caucasus (Azerbaijan, Armenia, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan) allowed for the exchange of experience and the transfer of knowledge on earthquake risk reduction and management.

On April 19, His Excellency Jun YAMADA, Ambassador Extraordinary and Plenipotentiary of Japan to the Republic of Kazakhstan, attended the third session of the seminar. In his welcoming remarks, Mr. YAMADA thanked the seminar organizers and assured that the Japanese government will continue to support the countries of Central Asia and the Caucasus in improving earthquake resilience through technical assistance, expert support in the development of innovative technologies, and knowledge transfer, given Japan's significant

experience in this field.

A number of trilateral meetings took place on the sidelines of the event.

On April 18, a meeting was held between the Director of the Center, S.G. Aubakirov, Deputy Director General of the JICA Department of East and Central Asia, Masayoshi Takehara, and the Chairman of KazAID, A.K. Arystanov, where issues of further cooperation were discussed.

On April 19, the Director of the Center met with His Excellency Jun YAMADA, Ambassador Extraordinary and Plenipotentiary of Japan to the Republic of Kazakhstan, and Masayoshi Takehara, Deputy Director General of the JICA Department of East and Central Asia.





2024

**MAY 15:** The Center hosted a working meeting with Michaela Friberg-Story, UN Resident Coordinator in the Republic of Kazakhstan, and Dina Khasenova, Partnership and Financing Advisor to the Office of the UN Resident Coordinator.

The meeting took place against the backdrop of recent flooding in Kazakhstan and was aimed at improving the platform for coordinating humanitarian aid, where the Center's role is seen as a potential partner in ensuring communication between the international community and Kazakhstan's government agencies.

During the meeting, the Center briefed participants on the progress of joint projects with partners in the areas of disaster risk reduction and climate change adaptation, including measures taken to improve humanitarian activities in Central Asian countries.

The UN Resident Coordinator in the Republic of Kazakhstan praised the Centre's activities since her last visit.

Following the meeting, joint action plans were outlined for further cooperation at the regional level through the Center.

The visit took place in the form of a constructive dialogue and confirmed the parties' willingness to develop cooperation in the area of humanitarian aid and public safety.



2024

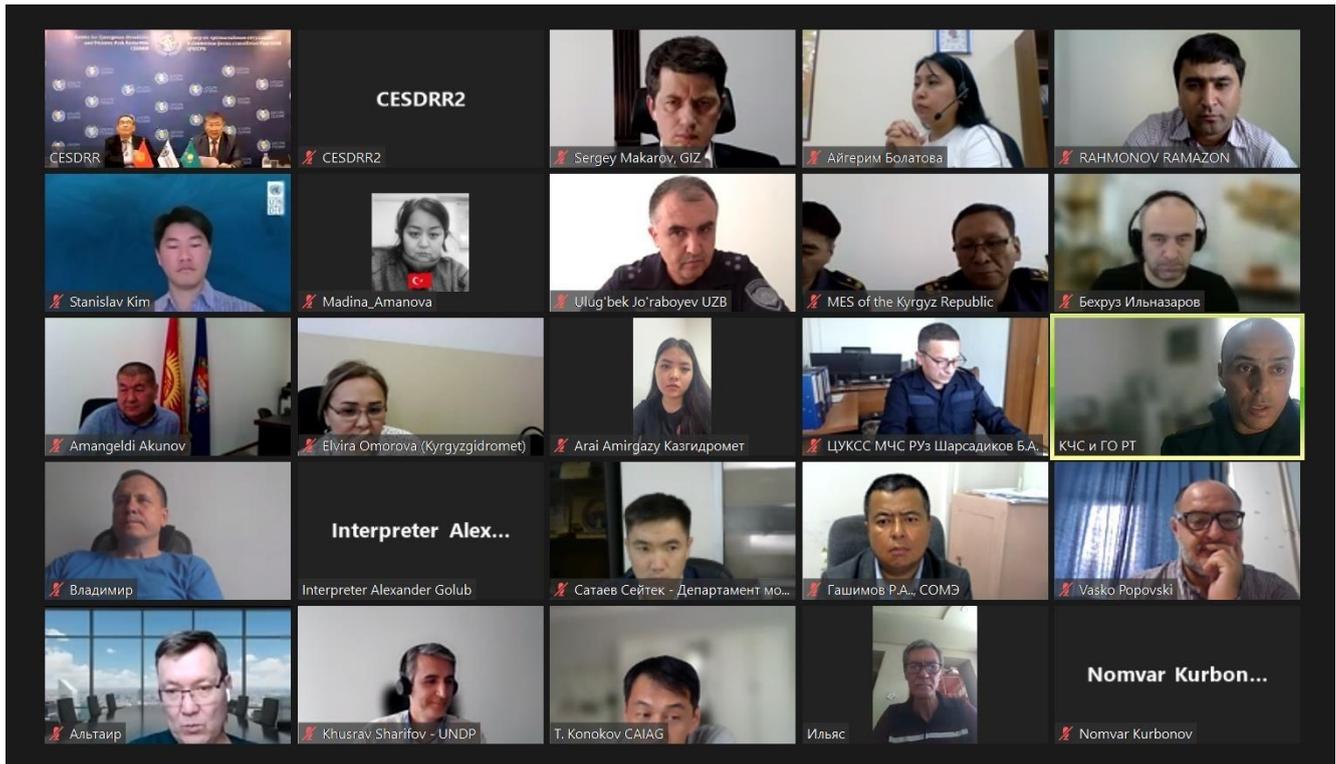
**MAY 16:** The next meeting of the Technical Working Group on the creation of a Regional System of Early Warning and Mutual Information on the Threat and Occurrence of Emergencies (TRG) was held online via videoconference.

During the event, UNDRR National Coordinator in Tajikistan Dilshod Kodirov informed the meeting participants about the results and prospects for implementing the global initiative "Early Warnings for All EW4ALL" in the Republic of Tajikistan.

GIZ water resources expert Aigerim Bolatova also presented information on the progress of the GIZ project "Climate Risk Management in Central Asia" in terms of creating a transboundary early warning system for hydrological disasters, and on approaches and challenges in exchanging hydrometeorological information between Central Asian hydrometeorological services.

During the second session, UNDP International Early Warning Consultant Vasko Popovski presented the results of the work on mapping the stakeholders of the early warning system in Central Asia and informed the TWG members about plans to develop a Concept for the creation of a Regional Early Warning System for Transboundary Emergencies.

Following the TWG meeting, representatives of UNDP and GIZ proposed drafting a Resolution, taking into account the opinions of national experts – members of the TWG – reflecting the consistency of goals, objectives, and technical approaches to integrating existing monitoring systems. This Resolution will subsequently become an integral part of the UNDP expert study conducted as part of the development of the Concept for the Creation of a Regional Early Warning System.



2024

**MAY 22:**The Center took part in the opening ceremony of the Regional Humanitarian Office of the International Civil Defense Organization in Central Asia and Asia.

Prior to the official opening ceremony of the ICDO Regional Office, the Director of the Center held a bilateral meeting with the Deputy Secretary General of ICDO, Mr. A.A. Kudinov, during which Mr. S.G. Aubakirov noted the results achieved in joint measures to strengthen the capacity of emergency response services in Central Asian countries, a striking example of which is the successful application of skills acquired during training by canine units from Central Asian countries during a rescue operation in Turkey.

Overall, over the five years of active cooperation between the Center and the International Civil Defense Organization (ICDO), a series of trainings have been conducted. As a result, 45 psychologists from the Ministry of Emergency Situations of the Republic of Kazakhstan have improved their skills in providing psychological assistance, 35 divers from the Ministry of Emergency Situations of the Republic of Kazakhstan have been certified internationally, 77 dog handlers from Kazakhstan, Kyrgyzstan, Tajikistan, and Uzbekistan have received additional skills in using search dogs in conducting search and rescue operations, and 51 unmanned aerial vehicle operators from Central Asian countries have acquired the necessary skills to operate drones.

The opening ceremony of the Regional Humanitarian Office was attended by the Minister of Emergency Situations of the Kyrgyz Republic, Major General Azhikeev Boobek Ergeshevich, who noted in his welcoming speech that "the operation of the Regional Humanitarian Office will serve as an excellent platform for the practical implementation of humanitarian projects and prompt assistance to countries in the region in the event of emergencies in their territories."



2024

**MAY 23:** As part of the Agreement between the Food and Agriculture Organization of the United Nations (FAO) and the Center for Emergency Situations and Disaster Risk Reduction, a National Technical Workshop was held in Astana to implement the project "Institutionalization of a Methodology for Assessing Damage and Loss in the Agricultural Sector in the Republic of Kazakhstan." The project covers the subsectors of crop production, livestock farming, fisheries, and forestry.

The main objectives of the project are to create a digital platform for the regular collection of data on damage and losses associated with disasters in agriculture, fisheries, and forestry, and to provide technical support for the implementation of the PMU software. This digital tool is primarily aimed at simplifying the process of exchanging accounting data between agencies interested in reporting data for the Sendai Framework for Disaster Risk Reduction (SDR) monitoring. Once this software is adapted and implemented, those responsible for collecting, compiling, and submitting reporting forms will no longer need to request information from each other in writing.

The seminar was attended by representatives of the Ministry of Emergency Situations, the Ministry of Ecology and Natural Resources, the Bureau of National Statistics of the Republic of Kazakhstan, the Fisheries Committee of the Ministry of Agriculture, members of the Interdepartmental Working Group nominated by interested ministries and departments, as well as consultants and experts from FAO and the CESDRR.

During the workshop, participants exchanged views, developed recommendations for automating the process of collecting data on damage and losses from disasters in agriculture to ensure better online reporting and loss accounting at all administrative levels, discussed the possibility of introducing innovations and best practices in damage and loss assessment into practice, and improved their capacity in the field of damage and loss

assessment from disasters.



2024

**May 24:** A high-level meeting was held at the Ministry of Emergency Situations of the Republic of Kazakhstan with the participation of the Vice-Minister of Emergency Situations, Major General Erlan Sadkenovich Nurpeisov, to discuss the results of the joint project of the Center for Emergency Situations and Rural Development and UNICEF in Kazakhstan, "Strengthening the capacity of the emergency, health, education, social protection, and internal affairs sectors on the Core Commitments for Children in Emergencies."

The meeting with UNICEF Deputy Representative in Kazakhstan Leticia Bazi-Weil and UNICEF Child Resilience Programme Coordinator in Kazakhstan A.V. Stativkina was attended by the Head of the Department of Emergency Prevention, R.N. Amrin, the Head of the Department of Emergency Elimination, K.N. Orazalin, the Director of the Department of International Cooperation, A.S. Grigoryan, the Deputy Director of the Legal Department, E.M. Esmakhanov, the Head of the Central Control Center, E. Tleuberdin, and the Advisor to the Minister, S.Zh. Sarsenbayev.

The meeting participants discussed recommendations prepared by the Center's experts for harmonizing the legislation of the Republic of Kazakhstan on child protection in a humanitarian context. Following the discussion, it was concluded that the Center's recommendations will be taken into account and incorporated into amendments to the Law of the Republic of Kazakhstan "On Civil Defense."

UNICEF Deputy Representative in Kazakhstan Leticia Bazi-Weil thanked the leadership of the Ministry of Emergency Situations of the Republic of Kazakhstan for the opportunity to discuss the results of the work and expressed UNICEF's further intentions to support the Ministry of Emergency Situations of the Republic of Kazakhstan in matters of child protection in emergency situations, including the testing of a climate risk model for children.

The Ministry of Emergency Situations of the Republic of Kazakhstan proposed organizing a roundtable discussion with the participation of employees of the Ministry of Internal Affairs of the Republic of Kazakhstan,

the prosecutor's office, and other interested parties on the issue of strengthening parental responsibility for accidents involving children at home, based on a review of international experience and law conducted by UNICEF experts.



2024

**MAY 21:** The Center's Director, Mr. S.G. Aubakirov, paid a working visit to the OSCE office in Bishkek, where he met with Dmitry Prudtskikh, Acting Head of the Department of Economy and Environment. Also attending the meeting were Kanatbek Ermekovich Abdrakhmatov, Director of the Institute of Seismology of the National Academy of Sciences of the Kyrgyz Republic, and Bolot Duishenalievich Moldobekov, Co-Director of the Central Asian Institute of Applied Geosciences.

The main goal of the meeting was to discuss the project to create a Regional Early Warning System for Emergencies for Kazakhstan and Kyrgyzstan. Participants exchanged views on the relevance, potential, and prospects for this project.

The Center's Director informed OSCE representatives that the Center's project idea had received the support of all the Central Asian emergency ministers. This was evidenced by the Appeal of the heads of emergency agencies of the Central Asian countries to the UN Secretary-General, signed last November, requesting support for the initiative to create a Central Asian early warning system.

Mr. Prudtskikh, in turn, emphasized the relevance of the project idea and expressed interest and intention to collaborate with the OSCE Office in Astana to take further steps to advance the project, using existing regional programs and OSCE mechanisms.



2024

**From June 4th to 5th:** The delegation of the Center, consisting of Director S.G. Aubakirov and Chief Expert B.M. Ospanov, took part in the 8th European Civil Protection Forum in Brussels at the invitation of the Forum organizers - the Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO).

The forum, held under the slogan "Forging a Disaster-Resilient Union: Charting the Future of European Civil Protection," was attended by over 1,500 representatives of government agencies, institutions, and civil society organizations from 70 countries in Europe and around the world.

On the sidelines of the European Forum, the Director of the Centre, Mr. S. Aubakirov, held a bilateral meeting with the Special Representative of the UN Secretary-General, Mr. Kamal Kishore, which was also attended by the Head of the UNDRR Regional Office for Europe and Central Asia, Ms. Alonso Cano, and the Attaché of the Embassy of the Republic of Kazakhstan in the Kingdom of Belgium, Mr. Damir Akhmetov.

Also, on the sidelines of the Forum, a working meeting was held with Mr. Tristan Simonart, a representative of DG ECHO, at which the agenda for the upcoming meeting of DG ECHO management with the Center's management in Almaty was discussed, as well as prospects for further cooperation between the Center and the International Science and Technology Center with the participation of DG ECHO.





2024

**From June 7 to 9:** The Center's chief expert, B.M. Ospanov, took part in the annual MapEx simulation exercise in Sheffield (UK), organized by the British non-governmental organization MapAction.

Over 100 MapAction volunteers and representatives from various international partner organizations participated in the MapEx exercise. MapAction's annual exercises help prepare teams to effectively respond to real-world emergencies, enhance collaboration and coherence, and allow them to practice the use of modern mapping technologies in realistic conditions.

On the sidelines of the exercise, the Center's chief expert, B.M. Ospanov, held a working meeting with MapAction CEO Colin Rogers and MapAction's Director of Programs and Partnerships, Marina Kobzeva. The Center's representative briefed Rogers on the successful implementation of the Roadmap for the Central Asian Strategy for Cooperation in Disaster Risk Reduction for 2023-2024 and thanked MapAction for its assistance in implementing the Roadmap. Furthermore, B.M. Ospanov reported on the preparation of a draft Roadmap for 2025-2026, which includes two activities planned for implementation jointly with MapAction.



2024

**MAY 13:** Batyrkhan Suleimenov, Head of the Seismic Safety and Mobilization Preparation Department of the Almaty City Akimat, paid a familiarization visit to the Center. Also present at the meeting were Temirlan Japarbek, Head of the Mobilization Preparation and Seismic Safety Department; Dana Yeshimova, Head of the Safe City Regional Research Center of the Almaty City Akimat Project Office; and Aidarkhan Takuov, General Manager of the Safe City Regional Research Center of the Project Office.

The Director of the Center, Mr. S.G. Aubakirov, presented information on the Center's work in the field of seismic safety and disaster risk reduction, including the development of a prototype for the integration of early warning systems in Kazakhstan and Kyrgyzstan with the ability to connect to elements of a "smart city."

In turn, Mr. B.A. Suleimenov shared information on the main tasks and priority areas of activity of the newly created Department, emphasizing the work being carried out on certifying buildings for seismic resistance, developing an information system for modeling the consequences of earthquakes, developing rules for the development of the city of Almaty, implementing the Mass Alert earthquake warning system, and training the population a culture of safe behavior in emergency situations by including the subject "Actions in Emergency Situations" in the school curriculum, and by creating a Scientific Council under the Akimat of Almaty, focused on examining issues of emergency prevention.

Following the event, a decision was made to conclude a tripartite Memorandum of Understanding and Cooperation at the suggestion of the participants.



2024

**JUNE 14:** Center Director S.G. Aubakirov participated in a roundtable discussion summarizing the implementation of the scientific and technical program "Development of Scientific and Applied Foundations for Ensuring Water Security in the Republic of Kazakhstan in the Transboundary Aral-Syr Darya Basin until 2050," organized by the Institute of Geography and Water Security of the Ministry of Water Resources and Irrigation of the Republic of Kazakhstan. The event was attended by N.M. Nurzhigitov, Minister of Water Resources and Irrigation of the Republic of Kazakhstan, as well as representatives of interested government agencies and leading scientific organizations and universities specializing in water resources.

The relevance of studying water security in the transboundary Aral-Syr Darya basin is determined by the instruction of the President of the Republic of Kazakhstan, K.K. Tokayev, given in 2021 on the need to submit a package of proposals to ensure water security, including strengthening Kazakhstan's position in the negotiation process for the execution of international documents on transboundary rivers.

Given the importance of water resources for sustainable development and the expected reduction in Kazakhstan's water resource potential in transboundary basins due to increased water withdrawals in neighboring countries, the Institute has developed a set of measures to respond to the development of water shortages in transboundary basins.

Thus, the Round Table, in its Resolution, recommended that the practical results developed within the project be used by all public and private organizations dealing with water resources issues in Kazakhstan.



2024

**JUNE 19:** On 2024, a delegation from the Directorate-General for European Civil Protection and Humanitarian Aid Operations of the European Commission (DG ECHO), headed by Mr. Andreas Papaconstantinou, Director of the Department for Neighbourhood Countries, Middle East, South-West and Central Asia, paid a working visit to the Centre.

During the meeting, the Center briefed participants on the progress of joint projects with partners in the areas of disaster risk reduction and climate change adaptation. It also presented information on regional initiatives promoted by the Center, including measures taken to improve humanitarian activities in Central Asian countries.

In addition, the Director of the Center, Mr. Serik Aubakirov, informed representatives of DG ECHO about the completion of the first stage of the Strategy for the Development of Cooperation of Central Asian Countries in the Field of Disaster Risk Reduction for 2022–2030, and the transition to the implementation of the second stage of the Strategy under the auspices of “From Awareness to Resilience and Preparedness.”

Mr. Andreas Papakonstantinou noted the Centre's positive dynamics in developing regional cooperation, emphasized the importance of the Centre's verified priorities on disaster preparedness issues, and expressed his intention to continue supporting the Centre in the area of crisis coordination and disaster risk management.



2024

**JUNE 20:** At the Center, a trilateral Memorandum of Cooperation and Interaction was signed between the Center's Director, S.G. Aubakirov, Acting Head of the Almaty City Akimat's Department of Seismic Safety and Mobilization Preparation, B.A. Suleimenov, and the Chairman of the Board of the Almaty City Development Center, A.V. Shovkopyas.

Thus, during a familiarization visit to the Center for Emergency Situations and Disaster Risk Reduction by the leadership of the Department of Seismic Safety and Mobilization Preparation of the Almaty Akimat and the Safe City Basic Area Implementation Group of the Almaty Akimat Project Office, the parties expressed interest in close interaction and cooperation on the further development and implementation of information and communication technologies as part of the implementation of measures to reduce the risk of natural disasters, including:

- to create a Regional System of Early Warning and Mutual Information on the Threat of Emergencies, by integrating the existing national systems of the Central Asian countries;
- integration of the digital platform "Situation Center of Almaty" with GIS and other digital platforms developed by the Center within the framework of international projects, programs and grants.

Thus, the integration of national seismological monitoring systems in Central Asian countries will allow the population of Almaty to receive early warning of an approaching seismic wave, the epicenter of which may be located in a neighboring state.



2024

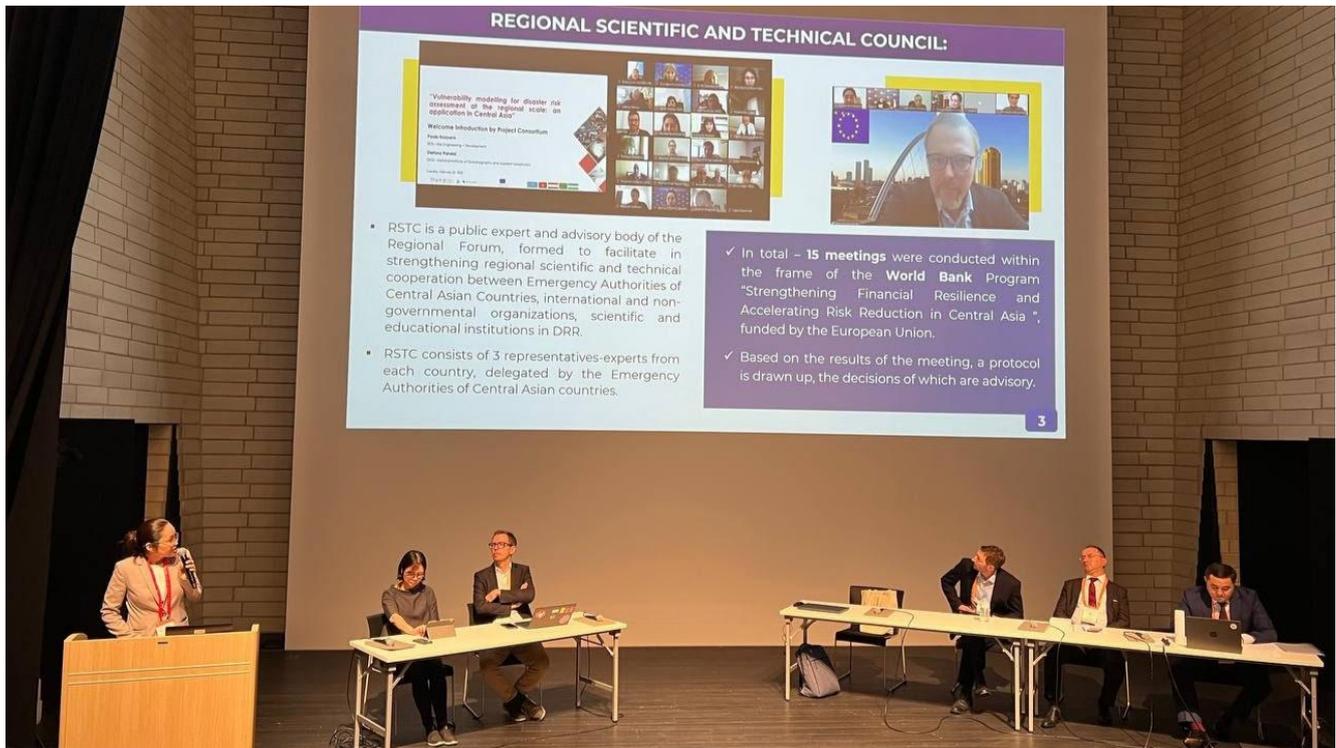
**From June 16 to 21:** In Himeji City, Hyogo Prefecture, Japan, E.K. Torebekova, Head of the Center's Department, took part in the Eighth Global Forum on Understanding Risk 2024 (UR24), organized by the Global Facility for Disaster Reduction and Recovery (GFDRR) jointly with the World Bank's Tokyo Disaster Risk Management Center.

The forum, dedicated to the 30th anniversary of the 1995 Great Hanshin-Awaji Earthquake, was held under the slogan "Tradition – Sustainability – Innovation," and was attended by more than 1,500 experts and practitioners from various sectors, including government, international and non-governmental organizations, the private sector and the academic community from 135 countries.

The forum consisted of panel and technical sessions, information and experience exchange, and discussion of key issues related to climate change and frequent extreme weather events, which pose a serious threat to the economic development of all countries, as well as the well-being of the population.

As part of the technical session on "Building a Prepared and Resilient Central Asia," E.K. Torebekova, Head of the Center's Department, presented a report on the institutionalization of regional cooperation among Central Asian countries in the field of DRR. During the session, participants were informed about the successful implementation of the Roadmap for the Implementation of the Strategy for the Development of Cooperation between Central Asian Countries in Disaster Risk Reduction for 2023-2024 and the preparation of a draft Roadmap for 2025-2026.

Following the session, international organizations such as DG ECHO, the World Meteorological Organization (WMO), and GeoHazards International (GHI) expressed interest in the activities of the Center and in further cooperation with the Center.



2024

**JUNE 25:** A Partnership Dialogue on Disaster Risk Reduction was held in Astana with the participation of representatives of the Ministry of Emergency Situations of the Republic of Kazakhstan, international organizations, and UN country offices in the Republic of Kazakhstan. The dialogue was organized by the Office of the UN Resident Coordinator in the Republic of Kazakhstan jointly with the Center.

The recent floods, which had a serious negative impact on several regions of the Republic of Kazakhstan, prompted international organizations to jointly discuss ways to cooperate in disaster risk reduction and strengthen government support in this area.

The meeting also provided the international community with an opportunity to learn about the Government of Kazakhstan's priorities in disaster risk reduction, gain an overview of the Centre's mandate, and share key existing initiatives.

In turn, the Director of the Center, S.G. Aubakirov, informed the participants about the measures taken by the Center aimed at ensuring the resilience and preparedness of Central Asian countries for disasters, and also outlined the Center's main priority initiatives in the field of DRR and adaptation to climate change.

In addition, representatives of international organizations informed participants about their organizations' current activities in the field of disaster risk reduction and potential future projects in Kazakhstan.



2024

**JULY 4:** In Almaty, as part of preparations for the Regional Forum - Meeting of Heads of Emergency Management Agencies of Central Asian Countries, with the support of UNDRR, UNDP, and the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), a meeting of the Working Group (experts) of the Regional Forum - Meeting of Heads of Emergency Management Agencies of Central Asian Countries was held at the Center.

Experts from Central Asian countries discussed the program of the Regional Forum proposed by the Center for the relevance of the issues raised in it for the Central Asian region, reviewed and agreed on a number of projects, reports and briefings proposed for discussion at the upcoming Regional Forum on August 14-15, 2024, including: a project Action Plan (Roadmap) for the implementation of the Strategy for the Development of Cooperation of Central Asian Countries in the Field of Disaster Risk Reduction for 2025-2026 and a draft Protocol of the Regional Forum - Meeting of the Heads of Emergency Agencies of Central Asian Countries.

The materials presented are aimed at implementing practical measures to develop and deepen regional cooperation in disaster risk reduction. They also include the introduction of modern approaches to disaster risk management using information and communication technologies, the phased promotion of the Regional Initiative for the Creation of a Central Asian Early Warning System and Mutual Information on the Threat and Occurrence of Emergencies, and more.



2024

**FROM JULY 30 TO AUGUST 2:** As part of the Food and Agriculture Organization of the United Nations (FAO) project "Digitalization of the Damage and Loss Assessment Methodology for the Agricultural Sector in Kyrgyzstan," the Center, together with FAO, conducted a series of training sessions on the application of the damage and loss assessment methodology in the agricultural sector of the Kyrgyz Republic and the use of the e-DLA tool at the national and local levels. The training sessions involved interested central executive bodies—the Ministry of Emergency Situations, the Ministry of Water Resources, Agriculture and Processing Industry, the Ministry of Digital Development, the Ministry of Economy and Commerce, and the National Statistical Committee of the Kyrgyz Republic. The Center also invited Dragan Angelovski, FAO Technical Advisor for Europe and Central Asia, to train representatives of Kyrgyz government agencies on how to use the system. During the training, Mr. Angelovski presented the elements, modules, functions, and workflows of the e-DLA software. FAO project experts in the Kyrgyz Republic also demonstrated practical examples of data entry into the software. Government representatives presented their proposals for modifications and improvements to the functionality of the developed software.



2024

**AUGUST 15:** A high-level event, the Regional Forum – Meeting of Heads of Emergency Management Agencies of Central Asian Countries, was held in Cholpon-Ata under the chairmanship of the Kyrgyz side.

This event was held with the support of the United Nations Office for Disaster Risk Reduction, the United Nations Development Programme, and the German Society for International Cooperation (GIZ).

Delegations headed by the heads of emergency response agencies of the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, and the Republic of Uzbekistan, as well as heads of international organizations such as the UN WFP, the UN FAO, the OSCE, the ICDO, and others, took part in the Regional Forum.

Following the Regional Forum – Meeting of Heads of Emergency Management Agencies of Central Asian Countries, the following documents were discussed and approved:

1. The Action Plan (Roadmap) for the implementation of the Strategy for the Development of International Cooperation of Central Asian Countries in the Field of Disaster Risk Reduction for 2025-2026 was adopted.

2. Measures to promote the Center's three main initiatives have been deemed exhaustive:

- on the progress of the implementation of the Regulation "On the Regional Coordination Mechanism for Emergency Response", taking into account the results of the Regional Report on International Disaster Response Legislation (IDRL), obtained with the support of the IFRC;
- on further measures to establish a Regional System of Early Warning and Mutual Information on the Threat and Occurrence of Emergencies, including relevant initiatives to support regional and national efforts to strengthen early warning systems;
- on further measures to create a Digital Passport and Atlas of Transboundary Hazards in Central Asian Countries, taking into account the experience of cooperation between the Centre and the OSCE Programme Office in Astana.

The personal participation of heads of emergency agencies in the work of the Regional Forum demonstrates their leadership in striving for close cooperation and practical interaction, joint efforts for the sustainable development of countries in the region, and the achievement of goals and objectives in the field of disaster risk reduction.

On the sidelines of the Regional Forum, all heads of emergency agencies of the Central Asian countries held a series of bilateral meetings with the heads of international organizations, such as UNDRR, WFP, IFRC, and ICDO.

The bilateral meeting between the Ministry of Emergency Situations of the Republic of Uzbekistan and the Ministry of Emergency Situations of the Kyrgyz Republic resulted in the signing of a Joint Action Plan for Cooperation in the Field of Prevention and Elimination of Emergencies for 2025–2026.

The Forum's series of events included the conclusion of a Memorandum of Understanding and Cooperation between the Centre and the UN WFP in the Kyrgyz Republic and the Republic of Tajikistan.





**SEPTEMBER 4** The 11th meeting of the Joint Collegium of Kazakhstan, the Ministry of Emergency Situations of Belarus, and the Ministry of the Russian Federation for Civil Defense, Emergencies, and Elimination of Consequences of Natural Disasters was held at the Center. 🗣️

Opening the Joint Board meeting, Minister of Emergency Situations of the Republic of Kazakhstan Chingis Arinov noted that this is a significant event that underscores the shared commitment to strengthening international cooperation and increasing security within countries.





**10 SEPTEMBER:** Dr. Volker Frobarth, Head of the OSCE Programme Office in Astana, paid a working visit to the Centre. During the meeting, the parties discussed the implementation of the Centre and OSCE's ongoing project to create a Digital Territorial Security Passport and an Interactive Hazard Map of Kazakhstan. The Head of the OSCE Office praised the project's progress, emphasizing its relevance and potential, as well as the potential for expansion to Central Asia.

The Head of the OSCE Office in Astana confirmed his interest and intention to collaborate with the OSCE Office in Bishkek to take further steps to advance the project, using existing regional programs and OSCE mechanisms.

The parties also acknowledged the importance of supporting the OSCE Office in organizing a series of training sessions for future users of the Digital Passport from the Ministry of Emergency Situations of Kazakhstan.





**12 SEPTEMBER:** Oleg Tadjimotovich Guchgeldiyev, Representative of the Food and Agriculture Organization of the United Nations (FAO) in the Kyrgyz Republic, paid a working visit to the Center. Also present at the meeting were Gulnaz Iskakova, Partnership Development Consultant for FAO Liaison and Partnerships in the Republic of Kazakhstan, and Kanykei Ulan Kyzy, FAO Programme Specialist in the Kyrgyz Republic.

During the meeting, the Center's Deputy Director, Meymanbek Chekirbayev, briefed the FAO delegation on the Center's work and provided information on the progress of joint projects with partners in disaster risk reduction and climate change adaptation, as well as on regional initiatives promoted by the Center. The parties also discussed the implementation of ongoing Center-FAO projects to institutionalize and digitalize methodologies for assessing damage and losses from natural disasters in agriculture, fisheries, and forestry in Kazakhstan and Kyrgyzstan.



**FROM SEPTEMBER 11 TO 15:** A master's degree training session on the use of unmanned aerial vehicles for emergency prevention and response was held at the Rock City – Astana training ground of the Ministry of Emergency Situations of the Republic of Kazakhstan in the Almaty region.

The event was organized by the Center with the support of the International Civil Defense Organization and the Ministry of Emergency Situations of the Republic of Kazakhstan.

Leading specialist in unmanned aerial vehicle technologies and GIS systems T.B. Tamenov, as well as trainers from the Center, B.M. Ospanov and A.G. Ospanov, served as trainers. Thirty unmanned aerial vehicle operators from the Ministry of Emergency Situations of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic, the Committee for Emergency Situations of the Republic of Tajikistan, and the Ministry of Emergency Situations of the Republic of Uzbekistan participated in the master training.

The training allowed specialists from four countries to exchange theoretical knowledge and practical experience in the use of unmanned aerial vehicles.





**September 18-19**A meeting of Central Asian ministers was held in Almaty to discuss progress in a comprehensive school safety system.

This event was organized by UNICEF, UNESCO, the UDRR, and the World Bank in partnership with the Center, with the support of USAID, the Government of Japan, and the Global Facility for Disaster Reduction and Recovery (GFDRR), and was timed to coincide with the International Day for Disaster Reduction.

The meeting was attended by senior officials from the Ministries of Education, Environment and Natural Resources, and emergency agencies of the Central Asian countries, the academic community (CAIAG, Institute of Seismology), as well as Ms. Natalia Alonso Cano, Head of the UNDRR Regional Office, Octavian Bivol, Deputy Regional Office of UNICEF, representatives and experts from the regional and country offices of UNICEF, UNDRR, UNDP, UNESCO, IFRC, children's and youth activists, and school principals.

The Director of the Center, Mr. Aubakirov S.G., was nominated as the main partner to host this 2-day event.

Representatives from ministries in Central Asian countries shared their experiences on the progress achieved in school safety.

Particular attention was paid to the structural stability of school buildings, and representatives from the scientific community shared necessary measures for the structural safety of school buildings, which is an integral part of emergency preparedness and response.

Experts and representatives of international organizations shared their experiences implementing school safety programs in various countries and lessons learned, presented statistical data on children's vulnerability to climate risks in Central Asian countries, and analyzed the existing legislative framework for school safety at the country and regional levels. In his presentation, UNICEF Regional Office Education Consultant Gurgen Boshyan noted the existence of only two documents at the regional level, one of which is the "Strategy for Developing Cooperation between Central Asian Countries in Disaster Risk Reduction," developed by the Center and endorsed by the heads of emergency agencies of Central Asian countries at the 2021 Regional Forum.

Center Director S.G. Aubakirov discussed the Center's activities to strengthen regional cooperation, including the Regional Forum of the Meeting of Heads of Emergency Situations of Central Asian Countries, which serves as a permanent consultative platform.

The final document of the meeting was the signing by representatives of the ministries of education of the Central Asian countries of the Ministerial Declaration on Comprehensive School Safety in Central Asian Countries.

The event provided an opportunity to discuss progress made in the area of school safety, coordinate joint efforts and mutual support at the national and regional levels, and develop recommendations.

On the sidelines of the event, the Center held a bilateral meeting with Natalia Alonso Cano, Head of the UNDRR Regional Office, to discuss further joint efforts to establish a Regional Early Warning System and Mutual Information on the Threat and Occurrence of Cross-Border Emergencies. Following the meeting, Natalia Alonso Cano expressed her intention to continue supporting the Center by expanding its membership, promoting and implementing its key initiatives, and holding a Regional Forum – a Meeting of Heads of Emergency Management Agencies of Central Asian countries.





**FROM SEPTEMBER 17 TO 20:** In Astana, the Center's delegation, headed by the Deputy Director of the Center, Mr. M.A. Chekirbayev, together with representatives of the Regional Office of the Food and Agriculture Organization of the United Nations (FAO) for Central Asia and Europe, who arrived in Astana on a mission within the framework of FAO projects implemented in Kazakhstan, held a number of events within the framework of the FAO project "Institutionalization and digitalization of the methodology for assessing damage and losses for the agricultural sector in Kazakhstan."

**SEPTEMBER 17:** Representatives of the Center held a working meeting with representatives of the FAO Regional Office – Ms. Daniela Mangione (field program expert) and Mr. Georgiy Kvinikadze (consultant on agricultural census and SDG indicators/statistics), where they discussed the current status of the joint project, as well as the plan for the upcoming meeting of the interdepartmental working group (IWG) and tripartite meetings with representatives of interested government agencies of the Republic of Kazakhstan.

**SEPTEMBER 18:** The Center, together with the FAO office in Kazakhstan, held a regular meeting of the Interregional Working Group on the institutionalization and digitalization of the damage and loss assessment methodology for the agricultural sector in Kazakhstan. During the event, the Center's chief expert, B.M. Ospanov, presented to the IWG members the Unified Methodology for Assessing Probable Losses and Damages from Disasters in the Agricultural Sector of the Republic of Kazakhstan, taking into account all previously submitted comments and suggestions. The IWG members also submitted additional proposals for improving the draft Unified Methodology, including the mechanism for collecting statistical and other data.

**SEPTEMBER 18:** Representatives of the Center and FAO held a trilateral meeting with staff of the Ministry of Emergency Situations of the Republic of Kazakhstan, led by Vice Minister Major General E.S. Nurpeisov, to discuss the current results of the project, implemented by the Center with financial support from FAO. The Vice Minister confirmed his readiness to provide comprehensive support for the project's implementation. Center / FAO.

**SEPTEMBER 19:** The Center and FAO held a series of trilateral meetings with representatives of the Departments of Livestock and Crop Production of the Ministry of Agriculture of the Republic of Kazakhstan, the Committee for Forestry and Wildlife of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan, and the Committee for Fisheries of the Ministry of Agriculture of the Republic of Kazakhstan. During the working meetings, a number of comments were received on improving the Unified Methodology. Based on these meetings, the experts of the CESDRR/FAO project received valuable feedback and began finalizing the draft Unified Methodology.





**FROM SEPTEMBER 24 TO 27:** At the invitation of the ICDO, the Director of the Center, S.G. Aubakirov, took part in the 7th meeting of the heads of institutions - members of the Scientific and Educational Committee (SEC) of the ICDO, in the city of Niš, Republic of Serbia.

The Committee meeting was attended by more than 30 scientists from specialized civil defense educational institutions from 9 countries, such as Russia, Belarus, Armenia, Algeria, Egypt, Tunisia, Kazakhstan, Kyrgyzstan, and Azerbaijan.

The main objective of the meeting was to exchange best practices and build the capacity of civil protection institutions.

At the meeting, members of the Scientific and Educational Committee of the ICDO discussed the results of the work and development prospects, the draft international curriculum of the ICDO for 2025, in addition, a meeting was held the admission of new members to the Scientific and Educational Committee, as well as the election of the chairman and executive secretary.

**The NOC members made a unanimous decision to accept the Center into the Scientific and Educational Committee of the Moscow Regional State Organization!**

Following the meeting, the minutes of the 7th meeting of the heads of institutions-members of the NOC of the Moscow Region were signed.

An International Scientific and Practical Conference on "Firefighting and Emergency Rescue Operations in the Aftermath of Accidents Involving Electric Vehicles" was held as part of the Committee meeting. During the conference, demonstration practical exercises were held on "Eliminating the Consequences of Road Accidents Involving Electric Vehicles." Participants also learned about the training opportunities available for specialists in firefighting, emergency prevention, and response at the RSGC, using training simulators and classrooms.





**OCTOBER 14-15:** The Regional Forum on Strengthening Financial Resilience and Accelerating Disaster Risk Reduction in Central Asia, organized by the World Bank jointly with the Center, was held.

This event marked the final stage of the five-year program "Strengthening Financial Resilience and Disaster Risk Reduction in Central Asia," funded by the European Union and implemented by the Global Facility for Disaster Reduction and Recovery (GFDRR) in partnership with the World Bank. The program aims to strengthen social protection systems, improve financial resilience, and implement risk-informed investment planning to enhance the region's resilience to disasters and climate change.

One of the key results of the EU-funded programme was the creation of a regional database of natural hazards and detailed exposure and vulnerability data.

The forum brought together representatives of governments and ministries responsible for emergency management, healthcare, social protection, finance, and insurance, as well as research institutions, academia, international organizations, and development partners. The main objective was to discuss the program's achievements and opportunities for their further development, including strengthening regional cooperation.



**04 NOVEMBER:** The Ambassador of the European Union to the Republic of Kazakhstan, Her Excellency Mrs.

Aleška Simkić, paid a working visit to the Centre.

On November 1, Ms. Aleshka Simkich participated in the ceremony of presenting her credentials to the President of the Republic of Kazakhstan Kassym-Jomart Tokayev in Akorda, which confirmed the official start of her diplomatic mission in Kazakhstan.

Ms. Aleška Simkić's visit to the Centre at the start of her diplomatic mission to Kazakhstan underscores the European Union's interest in supporting disaster risk reduction measures at the regional level.

During the meeting, the Center's Director, Mr. Serik Aubakirov, introduced Ms. Aleshka Simkich to the Center's key initiatives and activities at the country and regional levels, and informed her about projects implemented jointly with partners in the field of disaster risk reduction and climate change adaptation, including those funded by the European Union.

Ms. Aleshka Simkich noted the Center's role in developing regional cooperation, emphasized the importance of the Center's identified priority areas for establishing a regional early warning system and a regional coordination center for emergency response in Central Asian countries, and expressed her readiness for further cooperation with the Center.







**From 6th to 8th November:** On November 1 of this year, a delegation from the Center, consisting of Director S.G. Aubakirov and Chief Expert B.M. Ospanov, took part in the European and Central Asian Regional Platform for Disaster Risk Reduction in Budva (Montenegro), organized by the United Nations Office for Disaster Risk Reduction (UNDRR) and the United Nations Development Programme (UNDP), during which the Director of the Center spoke at a session dedicated to the topic “Unification of subregional centers in Europe and Central Asia to accelerate disaster risk reduction,” organized by UNDRR.

In his speech, the Director of the Center, Mr. S.G. Aubakirov, emphasized the importance of improving understanding and synergy between subregional organizations and supported the creation of a unified pool of experts in the Europe and Central Asia region.

Representatives of the Center also spoke at the sessions “Creating Sustainable Cities 2030,” “Early Warning for All,” and held a number of bilateral meetings with Mr. S. Kim, Head of the Regional Team on Climate Change and Disaster Resilience at the UNDP Regional Office in Istanbul, Mr. N. Ganji, Deputy Regional Representative of the FAO for Europe and Central Asia, and Mr. N. Alfonso Santamaria, Senior Advisor on Risk Management at the Organization for Economic Cooperation and Development (OECD).





**DECEMBER 6:**The OSCE, together with the Centre, held an official event to mark the completion of a two-year joint project to create a Digital Security Passport and interactive maps. Vice-Minister for Emergency Situations B.K. Abdyshev and Deputy Head of the OSCE Programme Office in Astana Yu. Representatives of OSCE participating States, the Ministries of Emergency Situations, Foreign Affairs, Water Resources, Digital Development, and Environment, as well as UNDP, UNDRR, and the Red Cross and Red Crescent Societies, also participated in the event.

The Center presented the "Digital Safety Data Sheet" and "Interactive Map" subsystems, developed at the request of the Ministry of Emergency Situations of the Republic of Kazakhstan. The project's goal was to create a unified, structured tool for collecting, processing, and storing data from existing safety data sheets in a single format, as well as displaying them on an interactive map as layers based on natural and man-made emergency threats.



**DECEMBER 24:**The fifteenth meeting of the Council of the Center for Emergency Situations and Disaster Risk Reduction, chaired by the Kyrgyz side, was held at the Center.

The meeting was attended by the Minister of Emergency Situations of the Republic of Kazakhstan, Ch.S. Arinov, and the Deputy Minister of Emergency Situations of the Kyrgyz Republic, U.M. Shamyrcanov.

At the meeting, Council members were presented with the Center's 2024 results and priority areas for 2025. Information was provided on the Center's progress in implementing projects in the areas of civil defense, climate change adaptation, and the implementation of information and communication technologies in Central Asian countries.

Following the meeting, the Council members positively assessed the results achieved by the Centre in 2024 and decided to intensify the Centre's efforts to more effectively use its potential in implementing international programmes and projects.



- ◆ Work continues for the creation of the **Regional system of early warning and mutual information about the threat and occurrence of emergency situations**. On May 16, 2024, a meeting of the technical working group on the creation of the RSRO was held online.
- ◆ At the initiative of the Center and the International Civil Defense Organization, since 2018, organizational support has been provided to establish cooperation and interaction between emergency services. In 2024, at the training ground "Rock City - Astana" as part of the international training seminar "Qazqytkaru-2024," the Center, with technical and financial support from the International Civil Defense Organization (ICDO), successfully conducted a master's degree training course on the use of unmanned aircraft for emergency response. In addition to the theoretical portion, participants competed in five disciplines: "Search for Victims in Natural and Man-Made Environments," "Testing," "Delivering Small Cargo to a Victim," "Drone Assembly," and "Water Search." Thirty participants received certificates from the International Civil Defense Organization (ICDO) confirming successful completion of the training course.
- ◆ The Center, together with the United Nations Office for Disaster Risk Reduction, in order to facilitate the achievement of the Global Targets defined by the Sendai Framework for Disaster Risk Reduction for 2015-2030 and within the framework of the project "Strengthening regional cooperation and facilitating the implementation of the Sendai Framework for Disaster Risk Reduction in Central Asia» This year, we conducted two instructional and methodological sessions on monitoring the implementation of the Sendai Framework for Disaster Risk Reduction for 2015-2030 for representatives of government agencies in Central Asian countries.
- ◆ The Center, together with the FAO, implemented a project in the Republic of Kazakhstan and the Kyrgyz Republic to digitalize a unified methodology for assessing damage and losses in agriculture, forestry, and fisheries.
- ◆ **The two-year OSCE project to create the Digital Security Passport and Interactive Map subsystems has been completed.**
- ◆ Supported by the Office of the United Nations Disaster Risk Reduction, United Nations Development Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) On August 15, in the city of Cholpon-Ata, a high-level event was held under the chairmanship of the Kyrgyz side - the Regional Forum - Meeting of the Heads of Emergency Situations of the Central Asian Countries.
- ◆ At the initiative of the Center, Decisions Regional Forum - Meeting of Heads of Emergency Management Agencies of Central Asian Countries The Action Plan (Roadmap) for the implementation of the Strategy for the Development of International Cooperation of Central Asian Countries in the Field of Disaster Risk Reduction for 2025-2026 was adopted.
- ◆ At the initiative of the Center, with technical and financial support from the United Nations Office for Disaster Risk Reduction, the United Nations Development Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) **two meetings** were held of the Working Group (experts) of the Regional Forum - Meeting of Heads of Emergency Management Agencies of Central Asian Countries:
  - ◆ *In July 2024 in the city of Almaty, under the chairmanship of the Kyrgyz side.*
  - ◆ *In August 2024, in the city of Cholpon-Ata, under the chairmanship of the Kyrgyz side.*
- ◆ The Center, through attracting investments in the form of grants from donor agencies and international organizations, as an implementing agency, implemented the following projects in 2024 in the area of strengthening regional cooperation, disaster risk reduction, and emergency prevention:
  - 1) **UNDP project in the Kyrgyz Republic** "Supporting collective responses to climate emergencies and building resilient development pathways for human security and green transformations. Project budget: US\$42,693. Implementation period: July 2023 – March 2024;
  - 2) **GIZ project** "Climate Risk Management in Central Asia". **Project budget**-74,455 US dollars. Implementation period: 2024;
  - 3) **GIZ project** "Co-financing of the Regional Forum-Meeting of Heads of Emergency Management Agencies of Central Asian Countries." **Project budget**- 25,000 US dollars. Implementation period: 2024;

- 4) **GIZ Green Central Asia Project** "Strengthening the material and technical equipment of the Central Emergency Situations and Rescue Service." **Project budget**– USD 88,085. Implementation period: 2023-2024.
- 5) **UNDRR Project** Co-financing of the Regional Forum-Meeting of Heads of Emergency Management Agencies of Central Asian Countries.**Project budget**-30 132 **US dollars**.Implementation period: June - December 2024;
- 6) **UNDP Istanbul Regional Center Project for CIS Countries** "Co-financing of the Regional Forum-Meeting of Heads of Emergency Management Agencies of Central Asian Countries."**Project budget**– 21,360 US dollars. P
- 7) **OSCE Office Project in Astana** Strengthening the capacity of the Republic of Kazakhstan to adapt and resilience to climate change and reduce disaster risks through the creation of interactive maps and digital safety passports for the regions of Kazakhstan.**Project budget**– USD 39,417 (EUR 37,250). Implementation period: July 2023 – December 2024;
- 8) **UNDRR**- "Development of the Concept of an integrated approach to managing the risks of transboundary disasters taking into account climate change."**Project budget**-7,000 US dollars. Implementation period: 2024;
- 9) **FAO project in Kazakhstan** «Institutionalization of the methodology for assessing damage and losses for the agricultural sector in the Republic of Kazakhstan" The project budget is 68,360 US dollars. Implementation period: December 2023 – November 2024;
- 10) **FAO project in the Kyrgyz Republic** «Support for digitalization of damage and loss assessment in agriculture in the Kyrgyz Republic" The project budget is US\$37,180. Implementation period: December 2023 – November 2024;
- 11) **UNICEF project** "Strengthening the capacity of the emergency, healthcare, education, social protection, and internal affairs sectors on core responsibilities towards children in emergency situations." Project budget: US\$38,738. Implementation period: 2024.
- 12) **ICDO** - "Strengthening the capacity of emergency response agencies in Central Asian countries to use unmanned aircraft for emergency situations." **The project budget is 12,448 US dollars.** Implementation period: 2024;
- 13) **Project of the UNDP Regional Center in Istanbul and the CIS** "Improving the Post-Disaster Damage, Loss and Needs Assessment and Recovery Planning Process in Europe and Central Asia."**The project budget is 25,000 US dollars.** Implementation period: 2024.
- 14) **UNFPA Project** ""Development of a Standard for Preparedness and Response to Reproductive Health and Gender-Based Violence in Humanitarian Emergencies." The project budget is US\$2,000. Implementation period: August 2024–March 2025.

- ◆ The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and 11 international events (conferences, forums, seminars, trainings, meetings, conferences) were held in the field of disaster and emergency risk reduction.

A total of 304 people participated in these events, exchanged experiences, gained new knowledge, and improved their skills in the field of disaster and emergency risk reduction, including:

- **85** representatives of government bodies of the Republic of Kazakhstan.
- **27** representatives of government bodies of the Kyrgyz Republic.
- **47** representatives of government bodies of Central Asian countries and other states.
- **25** representatives of scientific institutions and independent experts.
- **120** representatives of international and non-governmental organizations.

- ◆ The **fifteenth meeting** of the Center's Council was held.

**JANUARY 29:** Acting UN Resident Coordinator in the Republic of Kazakhstan Mr. Stephen O'Malley paid a working visit to the Centre.

During the meeting, the Center's Director, Mr. Serik Aubakirov, briefed Mr. O'Malley on the Center's key initiatives and activities at the country and regional levels, and provided information on projects implemented jointly with partners in the area of disaster risk reduction and climate change adaptation, including measures taken to improve humanitarian activities in Central Asian countries.

Mr. Stephen O'Malley commended the Center's role in developing regional cooperation and emphasized the Center's efforts to provide humanitarian aid to affected populations during the 2024 floods in Kazakhstan.



**From April 15th to 16th:** An extended meeting of the Technical Working Group (TWG) on the creation of a regional early warning system was held at the Center with the participation of representatives of the national hydrometeorological services of the Central Asian countries.

The meeting was organized by the Center for Emergency Situations and Disaster Risk Reduction (CEDRR) as part of the regional project "Climate Risk Management in Central Asia," implemented by GIZ on behalf of the German government.

During the meeting, the project experts presented the following materials developed within the framework of the project for consideration:

- Recommendations for improving the mechanism for exchanging hydrometeorological information between national hydrometeorological services of Central Asian countries;
- Proposals for the exchange of information on dangerous hydrometeorological phenomena in transboundary areas between emergency response agencies of the countries in the region;
- Concept for the creation of a Regional Early Warning System for Hydrological Disasters in Pilot Transboundary River Basins of Central Asia.

Following the discussion, the participants approved the following documents:

- Initial draft of the Protocol of Intent between emergency agencies of the Central Asian countries on mutual notification in case of cross-border emergencies;
- Initial draft of the Protocol of Intent between hydrometeorological services on storm warnings and hazardous phenomena;
- Initial draft of the Concept for the creation of a regional early warning system;
- Initial draft of the Roadmap for the stages of creating this system.



2025

**APRIL 17:** In order to integrate the early warning systems for earthquakes in Kazakhstan and Kyrgyzstan, the National Scientific Center for Seismological Observations and Research of the Ministry of Emergency Situations of the Republic of Kazakhstan and the Central Asian Institute of Applied Geosciences agreed to exchange seismic data from the institutes' existing seismic stations in real time at the site of the Center for Emergency Situations and Disaster Risk Reduction, and secured this agreement by signing a corresponding Agreement. Thus, it is expected that data will be exchanged between 18 stations of the NSCSI and 21 stations of the CAIAG.



2025

**FROM MAY 12 TO 23:**The Center held two training seminars on the use of the developed subsystems "Digital Safety Passport" and "Interactive Maps." This series of trainings is being conducted in pursuance of the protocol order of the Vice Minister of Emergency Situations of the Republic of Kazakhstan, B.K. Abdyshev, dated December 5, 2024, concerning the implementation of subsequent steps for the implementation of these subsystems and the training of specialists to work with them.



2025

**FROM JUNE 11 TO 13:** The Center, together with the UNDP Regional Office in Istanbul, conducted a regional training on post-disaster needs assessment and development of recovery frameworks for the countries of Central Asia and the Western Balkans. The event was attended by 37 representatives of emergency response agencies, independent experts, and UNDP country offices from Albania, Bosnia and Herzegovina, Kazakhstan, the Kyrgyz Republic, Uzbekistan, Tajikistan, Turkmenistan, Serbia, Kosovo, North Macedonia, and Montenegro. This training was organized as part of the global project "Strengthening Capacity for Crisis Assessment, Recovery Planning, and Peacekeeping," funded by the European Union and implemented by UNDP. International experts representing UNDP and the European Union, with practical experience in conducting damage and loss assessments using the Post-Disaster Needs Assessment (PDNA) methodology, served as trainers.

During the three-day training, participants were given a detailed introduction to the goals, objectives, and core principles of the international PDNA methodology for assessing damage, losses, and needs after natural disasters. Particular attention was paid to practical group exercises, during which participants practiced applying the methodology using a simulated large-scale disaster, designed to closely approximate real-life conditions while taking into account regional specifics. Improvements to existing national approaches to disaster recovery were also actively discussed.

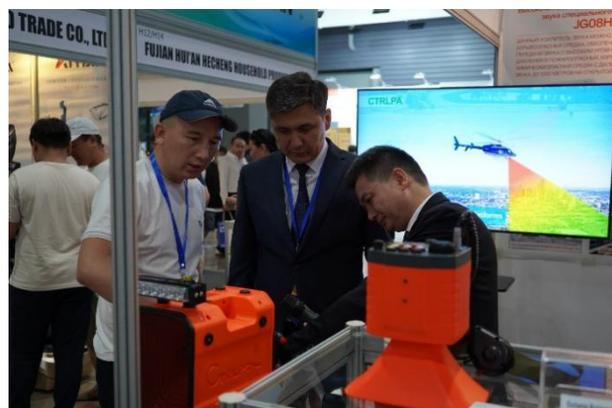


2025

**JULY 10:** A thematic seminar was held at the Center for Emergency Situations and Rescue Services (CESRRS) with the participation of 13 Chinese companies, representatives of emergency response agencies from Kazakhstan, Kyrgyzstan, Tajikistan, and Uzbekistan, as well as Kazakhstani organizations specializing in emergency prevention and response. Participants learned about Chinese solutions in equipment supply, investment initiatives, production localization, and prospects for cooperation in security and emergency response, and discussed opportunities for cooperation and the exchange of practical experience. The event also included thematic demonstrations and a visit by the Chinese delegation to facilities of the Ministry of Emergency Situations of the Republic of Kazakhstan.

**FROM JULY 10 TO 12:**As part of the implementation of the One Belt, One Road initiative, with the support of the Center for International Exchange and Cooperation of the Ministry of Emergency Situations of the People's Republic of China and with the assistance of the Center for Emergency Situations and Disaster Risk Reduction (CEDRC), a Special Salon of Emergency Management Equipment and Mining Equipment was organized for the first time at the Atakent Expo exhibition complex as part of the 20th anniversary China Commodity Fair in Kazakhstan.

This event marked an important step in developing practical cooperation in emergency management between China and Central Asian countries.







2025



**07AUGUST:**A working meeting of the heads of emergency agencies of the Central Asian countries was held at the Center. The meeting was attended by the Minister of Emergency Situations of the Republic of Kazakhstan, Major General Chingis Sairanovich Arinov, and the Minister of Emergency Situations of the Kyrgyz Republic, Major General Azhikeyev Boobek Ergeshevich Chairman of the Committee for Emergency Situations and Civil Defense of the Republic of Tajikistan, Colonel General Rakhmonali Rajabali Fayzalievich, First Deputy Minister of Emergency Situations of the Republic of Uzbekistan, Colonel Zuparov Sanzhar Takhirovich.

The heads of the delegation were given a detailed overview of the Centre's activities, the results achieved to date and promising regional projects for the coming years, and also discussed procedures for the accession of the Republic of Tajikistan and the Republic of Uzbekistan to the Agreement between the Government of the Republic of Kazakhstan and the Government of the Kyrgyz Republic about creation Center for Emergency Management and Disaster Risk Reduction.

This high-level event demonstrates the desire and interest of emergency agencies of the Central Asian countries to strengthen cooperation with the aim of developing joint coordinated actions in the field of disaster risk

reduction, mitigation of the negative consequences of climate change, improving well-being and strengthening the security of the Central Asian countries.





2025



**OCTOBER 17:** A high-level event, the Regional Forum – Meeting of Heads of Emergency Management Agencies of Central Asian Countries, was held in Dushanbe (Republic of Tajikistan).

The Forum was attended by heads of delegations from emergency response agencies of five Central Asian countries, heads of national hydrometeorological services within the framework of the regional GIZ project, representatives of pilot city mayors within the framework of the regional UNDP project, as well as representatives of UN agencies, international organizations, and non-governmental organizations.

Plenary and thematic sessions discussed practical steps to implement modern disaster risk management tools, improve coordination and information exchange mechanisms, and develop a regional early warning system, including for hydrological hazards in transboundary river basins. Risk profiles for pilot cities in the region, as

part of a UNDP regional project, were also presented.

Particular attention was paid to strengthening cooperation between emergency response agencies in the region and expanding international cooperation.

Following the forum, a number of key documents were adopted and approved.









## 2025 – KEY RESULTS OF THE CENTER'S ACTIVITIES

- ◆ Work continues for creation **Regional system of early warning and mutual information about the threat and occurrence of emergency situations**. April 16, 2024 An extended meeting of the Technical Working Group was held at the Center groups (TRG) to create a regional early warning system with the participation of representatives of national hydrometeorological services of Central Asian countries.
- ◆ Since 2018, the Center and the International Civil Defense Organization (ICDO) have been providing organizational support to establish cooperation and interaction between emergency services. From September 15 to 19, 2025, a master's degree training on the use of unmanned aerial vehicles for emergency prevention and response was held in Almaty and the Almaty region. Sixteen unmanned aerial vehicle operators from the Ministry of Emergency Situations of the Republic of Azerbaijan, the Republic of Kazakhstan, and the Kyrgyz Republic participated in the master's degree training. The training allowed specialists from the three countries to exchange theoretical knowledge and practical experience in the use of unmanned aerial vehicles.
- ◆ The Centre, together with GIZ, continues to implement the project “Climate Risk Management in Central Asia”.
- ◆ **Within the framework of the OSCE office project in Astana, a Training course on the use of digital safety data sheet subsystems.**
- ◆ The UNDP project in the Kyrgyz Republic “Strengthening the resilience of Osh city to natural disaster risks and climate change in Central Asia” has been completed.
- ◆ Within the framework of the UNICEF project in the Republic of Kazakhstan “To enhance interdepartmental cooperation between the emergency, healthcare, education, social protection, ecology, water resources, and internal affairs sectors on the development of the Climate and Environmental Risk Index for Children, a Climate Risk Model for Children has been developed.
- ◆ As part of the UNDP project in the Republic of Kazakhstan, a training was conducted on issues PDNA.
- ◆ The FAO project in the Kyrgyz Republic, "Supporting the active participation of women's civil society organizations (WSOs) and women leaders in Batken in climate change adaptation and disaster risk reduction programs," has been completed.
- ◆ **August 7, 2025** A working meeting of the heads of emergency response agencies of Central Asian countries was held at the Center. The meeting was held with the participation of the Minister of Emergency Situations of the Republic of Kazakhstan, Major General Chingis Sairanovich Arinov; the Minister of Emergency Situations of the Kyrgyz Republic, Major General Boobek Ergeshevich Azhikeev; the Chairman of the Committee for Emergency Situations and Civil Defense under the Government of the Republic of Tajikistan, Colonel General Rahmonali Radzhabali Fayzalievich; and the First Deputy Minister of Emergency Situations of the Republic of Uzbekistan, Colonel Sanjar Takhirovich Zuparov. The heads of the delegation were given a detailed overview of the Center's activities, its achievements to date, and promising regional projects for the coming years, and discussed expanding the Center's membership.
- ◆ Supported by the Office of the United Nations Disaster Risk Reduction, United Nations Development Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). On August 17, in Dushanbe, a high-level event was held under the chairmanship of the Tajik side: the Regional Forum-Meeting of Heads of Emergency Situations of Central Asian Countries.
- ◆ At the initiative of the Center, Decisions The Regional Forum - Meeting of Heads of Emergency Management Agencies of Central Asian Countries approved the following documents:
  - ✓ Protocol of Intent on Enhancing the Resilience of Cities in Central Asian Countries to Disaster Risks and Climate Change.
  - ✓ Protocol of intent on improving early warning systems and mechanisms for exchanging information on

threats or emergencies.

- ✓ Concept for the creation of a Regional Early Warning System for Hydrological Disasters in pilot transboundary river basins of Central Asian countries.
- ✓ Road map to create a regional early warning system for hydrological disasters in pilot transboundary river basins of Central Asian countries.

The Center, with technical and financial support from the United Nations Office for Disaster Risk Reduction, the United Nations Development Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) two meetings were held Working Group (experts) of the Regional Forum - Meeting of Heads of Emergency Management Agencies of Central Asian Countries:

*In August 2025 in the city of Almaty, under the chairmanship of the Tajik side.*

*In October 2025 in the city of Dushanbe, under the chairmanship of the Kyrgyz side.*

- ◆ The Center, through attracting investments in the form of grants from donor agencies and international organizations, as an implementing agency, implemented the following projects in 2025 in the area of strengthening regional cooperation, disaster risk reduction, and emergency prevention:
  - ✓ **UNICEF project in Kazakhstan** «Strengthening interdepartmental cooperation between the emergency, healthcare, education, social protection, ecology, water resources, and internal affairs sectors on the development of the Climate and Environmental Risk Index for Children, improving child safety, and purchasing humanitarian emergency kits. **The project budget is US\$99,640.** Implementation period: 2024-2025.
  - ✓ **OSCE Office Project in Astana** "Training course on the use of digital safety data sheet subsystems." Project budget: \$20,000. Implementation period: 2025.
  - ✓ **UNDP project in the Kyrgyz Republic** "Strengthening the Resilience of Osh City to Natural Disaster Risks and Climate Change in Central Asia." The project budget is \$30,000. The implementation period is 2025.
  - ✓ **FAO project in the Kyrgyz Republic** "Supporting the active participation of women's civil society organizations (WCOs) and women leaders in Batken in climate change adaptation and disaster risk reduction programs." The project budget is \$12,874. Implementation period: February–July 2025.
  - ✓ **UNDP project in Kazakhstan** "Training on issues PDNA" Implementation period: 2025.
  - ✓ **IFRC Project** to develop a Regional Agreement on International Emergency Response. The project budget is \$6,717. The implementation period is June 2025.
  - ✓ **Project of the Center for International Cooperation and Exchange under the Ministry of Emergency Situations of the People's Republic of China** "Providing assistance in organizing a Special Exhibition of Emergency Management Equipment and Mining Equipment as part of the 20th Exhibition of Chinese Goods in Kazakhstan. The project budget is \$20,944. The implementation period is June 2025.
  - ✓ **GIZ Green Central Asia Project** "Co-financing of the Regional Forum-Meeting of Heads of Emergency Management Agencies of Central Asian Countries." **Project budget**– 40,169 US dollars. Implementation period: 2025;
  - ✓ **UNDP Istanbul Regional Center Project for CIS Countries** "Co-financing of the Regional Forum-Meeting of Heads of Emergency Management Agencies of Central Asian Countries." **Project budget**– 42,266 US dollars. Implementation period: 2025;
  - ✓ **UNDRR Project** "Co-financing of the Regional Forum-Meeting of Heads of Emergency Management Agencies of Central Asian Countries." **Project budget**– 15,000 US dollars. Implementation period: 2025.

- ◆ The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, prepared and 9 international events (conferences, forums, seminars, trainings, meetings, conferences) were held in the field of disaster and emergency risk reduction.

432 people participated in these events, exchanged experiences, gained new knowledge, and improved their skills in the field of disaster and emergency risk reduction, including:

- **172** representatives of government bodies of the Republic of Kazakhstan.
  - **30** representatives of government bodies of the Kyrgyz Republic.
  - **105** representatives of government bodies of Central Asian countries and other states.
  - **6** representatives of scientific institutions and independent experts.
  - **119** representatives of international and non-governmental organizations.
- ◆ The seventeenth meeting of the Center's Council was held.