

Center for Emergency Situations
and Disaster Risk Reduction



Центр по чрезвычайным ситуациям
и снижению риска стихийных бедствий

CESDRR

ЦЧССРБ

Permanent Interstate Body - International Organization
Постоянно действующий межгосударственный орган - Международная организация

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

GENERAL ACTIVITY OUTCOMES

SEPTEMBER 2016 – DECEMBER 2023

GENERAL ACTIVITY OUTCOMES

OF THE CENTER FOR EMERGENCY SITUATIONS AND DISASTER RISK REDUCTION

(THE CENTER)

1. **The process of establishment and institutionalization of the Center as a permanent intergovernmental body is completed**, to provide effective mechanisms for reduction emergency risks and mitigating their consequences and to deliver joint response through coordinated interstate measures stimulating regional and international cooperation.
2. The Center has developed and implemented:
 - ◆ *Strategic directions of activity Center for Emergency Situations and Disaster Risk Reduction until 2030, approved By decision of the Council of the Center in 2017;*
 - ◆ *Capacity Development Strategy for the Center for Emergency Situations and Disaster Risk Reduction for 2019-2021, approved by the decision of the Council of the Center in 2019.*
3. The Center has established and is currently implementing regional and international cooperation in the field of disaster risk reduction, prevention and elimination of emergency situations:
 - ◆ *With emergency departments, diplomatic missions and other competent authorities of more than 25 countries;*
 - ◆ *With more than 60 donor and financial institutions, UN Agencies, international and non-governmental organizations, scientific and educational institutions.*
4. The Center concluded **31 Memorandum (Letters of Agreements, Contracts)** on mutual understanding and cooperation with international and non-governmental organizations, scientific and educational institutions, within which joint programs, projects and plans are initiated and implemented in the field of disaster risk reduction, adaptation to climate change, prevention and elimination of emergency situations.
5. In addition to the official status of a permanent interstate body, the Center has been delegated the following statuses:
 - ◆ *Secretariat of the Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asia countries;*
 - ◆ *Regional Resource Center of the Regional Platform for DRR for monitoring the Action Plan for the Implementation of the Sendai Framework for DRR for 2015-2030. in the region of Central Asia and the South Caucasus”.*
 - ◆ *The Center was given the status of an affiliated member of the International Civil Defense Organization (ICDO);*
6. At the initiative of the Center seven high-level international events were organized and held:
 - ◆ *In March 2017 in the city of Dushanbe - Regional meeting of the Heads of Emergency Authorities of Central Asia countries on DRR within the framework of the Dialogue "Central Asia plus Japan", chaired by the Tajik side;*
 - ◆ *In April 2018 in the city of Almaty - Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asia countries, chaired by the Kazakh side;*
 - ◆ *In July 2019 in the city of Bishkek - Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asia countries, chaired by the Kyrgyz side;*
 - ◆ *In December 2020 in the city of Bishkek - 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, chaired by the Kyrgyz side;*
 - ◆ *In November 2021, in the city of Tashkent - Regional Forum - Meeting of Heads of Emergency Authorities of Central Asia countries, chaired by the Uzbek side.*
 - ◆ *In October 2022, in the city of Dushanbe - Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asia countries, chaired by the Tajik side.*
 - ◆ *In November 2023 in the Almaty city of Kazakhstan - Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asia countries, chaired by the Kazakh side.*

7. At the initiative of the Center with the technical and financial support of international organizations, thirteen meetings were organized and held **working group (experts) Regional Forum - Meetings of Heads of Emergency Authorities of Central Asia countries:**
- ◆ *In August 2017 in the city of Almaty, under the chairmanship of the Kazakh side;*
 - ◆ *In April 2018 in the city of Almaty, under the chairmanship of the Kazakh side;*
 - ◆ *In November 2018 in the city of Almaty, under the chairmanship of the Kazakh side;*
 - ◆ *In July 2019 in Bishkek, chaired by the Kyrgyz side;*
 - ◆ *In December 2020 in Bishkek, chaired by the Kyrgyz side;*
 - ◆ *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;*
 - ◆ *In November 2021 in the city of Tashkent, under the chairmanship of the Uzbek side;*
 - ◆ *In August 2022 online, chaired by the Tajik side;*
 - ◆ *In October 2022 in the city of Dushanbe, chaired by the Tajik side;*
 - ◆ *In October 2023 in the city of Almaty, chaired by the Kazakh side;*
 - ◆ *In November 2023 in the city of Almaty, chaired by the Kazakh side.*
8. At the initiative of the Center By the decision of the Council of the Center in 2018, the 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 emergencies, as well as measures are being taken to create a Regional Coordination Mechanism for responding to emergencies.
9. At the initiative of the Center Decisions Regional Forum - 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 / Defense, disaster risk reduction, prevention and elimination of emergency situations was formed;*
 - ◆ *Approved **Regulations on the Regional Forum - Meeting of the Heads of Emergency Authorities of Central Asia countries;***
 - ◆ *Approved **Framework for Strengthening Regional Cooperation among Central Asian Countries in the field of disaster risk reduction, prevention and elimination of emergency situations.***
 - ◆ *Approved **Strategy for the development of cooperation between the countries of Central Asia in the field of disaster risk reduction for 2022-2030.***
 - ◆ *Approved **Regulation “On the Regional Mechanism emergency response coordination.***
 - ◆ *Approved **Plan of practical activities (roadmap) for the implementation Strategies for the development of cooperation between the countries of Central Asia in the field of disaster risk reduction for 2022-2023.***
 - ◆ *Concept approved **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 Regional Characteristics (Profile) of Disaster Risk of the Central Asian Countries Approved.*
 - ◆ *Approved **Action plan (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 2023-2024.***
 - ◆ *Approved **Regulations on the Regional System of Early Warning and Mutual Information on the Threat and the Occurrence of Emergencies.***
 - ◆ *Encouraged **Protocol of Intentions on Integration of Earthquake Early Warning Systems.***

- ◆ *Approved Action Plan for 2023-2024 for the implementation of innovative information and communication technologies in the countries of Central Asian Disaster Risk Reduction (ICT, UAV, GIS, mapping, etc.).*
 - ◆ *The Initiative to create a Digital Atlas of Transboundary Hazards in Central Asian Countries was approved.*
 - ◆ *An appeal was signed by 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.*
10. At the initiative of the Center with the technical and financial support of the World Bank, 16 meetings were organized and held Regional Scientific and Technical Council for Emergency Situations on strengthening regional scientific and technical cooperation in the field of DRR, AIC and emergencies within the framework of the program "Strengthening financial resilience and accelerating disaster risk reduction in Central Asia", in December 2019, November 2020, December 2020 January 2021, June 2021, September 2021, November 2021 - 4 events, January 2022, February 2022, March 2022, July 2022, October 2022, March 01, 2023.
11. By attracting investments in the form of grant funds from donor agencies and international organizations, as an executing agency or partner, the Center has implemented or is currently implementing 43 projects in the field of strengthening regional cooperation, disaster risk reduction, adaptation to climate change and emergency situations (with with a total budget of more than 6 million US dollars):
- 1) **UNDRR Project** "Strengthening regional cooperation and facilitation of the implementation of the Sendai Program in Central Asia." Implementation period: 2019-2022;
 - 2) **Project of UNDP Regional Office and UNICEF Regional Office** "Overview of the Centre's potential". Implementation period: 2019;
 - 3) **Project UNDP in Kyrgyzstan** "Strengthening the Capacity for Integrated Risk Management in the Kyrgyz Republic and Regional Cooperation in Central Asia." Implementation period: 2016-2021.
 - 4) **UNDP Regional Office Project, Istanbul, Türkiye.** Airports are ready to disaster." Implementation period: 2018-2019;
 - 5) **UNICEF project in the Republic of Kazakhstan** "Development of unmanned aircraft in order to prevent and eliminate the consequences of emergencies with a focus on vulnerable groups of the population."
 - 6) **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 (Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan) and the South Caucasus (Azerbaijan, Armenia, Georgia)". Implementation period: 2018;
 - 7) **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;
 - 8) **UNDRR and OCHA project** "Humanitarian implementation plan - 2017". Implementation period: 2017;
 - 9) **Map Action Project** "Geoinformation systems, mapping and data processing. Implementation period: 2018-2019;
 - 10) **FAO project in Kyrgyzstan** "Strengthening Disaster Risk Reduction and Preparedness Capacity in the Agricultural Sector." Implementation period: 2019-2021;
 - 11) **ESCAP project** "Studies on assessing drought problems and drought monitoring models in Central Asia". Implementation period: 2019-2020;
 - 12) **Project Focus Humanitarian Assistance-** a component to improve the methodology for assessing damage, losses and needs from emergency situations in the Republic of Tajikistan based on the global PDNA methodology. Implementation period: 2017;
 - 13) **Project UN OCHA Regional Office** -a component for the collection, compilation and analysis of data on Kazakhstan and Kyrgyzstan related to air pollution, climate change, the use of water resources, radioactive contamination of territories, consumption, production and radioactive waste. Implementation period: 2016;

- 14) **Project World Bank**– component 1.3. "Strengthening local emergency response capacity" project "Strengthening Disaster Risk Management in the Kyrgyz Republic". Implementation period: 2016-2019;
- 15) **Project UNDRR**– component to strengthen the expert potential of the Center in strengthening regional cooperation (by providing the Center with three DRR experts to strengthen regional coordination with the emergency agencies of Tajikistan, Turkmenistan and Uzbekistan). Implementation period: 2020-2022;
- 16) **Project UNICEF 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. Implementation period: 2020;
- 17) **ADB-EPTISA project** –Implementation of disaster risk management in government institutions of Tajikistan. Implementation jointly with the Asian Disaster Preparedness Center (ADPC). Implementation period: 2020-2021;
- 18) **World Bank Program** "Strengthening Financial Resilience and Accelerating Disaster Risk Reduction in Central Asia". The Center is an executive partner in the implementation of this project. Implementation period: 2019-2022;
- 19) **UNICEF project in the Republic of Kazakhstan** "Development of unmanned aircraft to ensure the safety of territories and the population, including vulnerable groups from emergencies and disasters." Implementation period: 2021;
- 20) **ICDO project** "Advanced training of psychologists of the Ministry of Emergency Situations of the Republic of Kazakhstan" Project budget is-\$ **20,000**. Implementation period: 2020;
- 21) **ICDO project** "Improving the qualifications of rescue divers of the Ministry of Emergency Situations of the Republic of Kazakhstan." Implementation period: May-June 2021;
- 22) **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: 2021;
- 23) **ICDO project** "Strengthening the capacity of canine services of emergency departments of Central Asian countries." Implementation period: 2022;
- 24) **OSCE Project** "Improving the methodology and practice of monitoring and disaster risk assessment using innovative ICT." Implementation period: 2022;
- 25) **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;
- 26) **UNDP project in the Kyrgyz Republic** "Increasing the level of safety of the population from fires by strengthening the capacity of the fire and rescue service in the Kyrgyz Republic." Implementation period: 2022;
- 27) **MapAction project** "Geographic information systems, mapping and working with data." Implementation period 2022;
- 28) **UNDRR project** "Assessing the sustainability of large cities". Implementation period: 2022;
- 29) **Project of the Central Emergency Situations and Radiation Society together with an international expert** "Development of recommendations/proposals for introducing amendments and additions to the Law of the Republic of Kazakhstan "On Civil Protection". Implementation period: 2022;
- 30) **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;

- 31) **UNDP project in the Kyrgyz Republic** “Reducing risks and vulnerability from glacial lake outburst (GLOF) and mudflows in Kyrgyzstan through strengthening the national system for monitoring natural disasters and the adaptive capacity of communities.” Implementation period June 2022 – March 2023;
 - 32) **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;
 - 33) **Component of the UNDP Project** “Creation of a drought response system based on monitoring and forecasting of droughts”. Implementation period: January-March 2023;
 - 34) **ICDO project** “Training canine services of emergency departments of Central Asian countries.” Implementation period: May 2023.
 - 35) **ICDO project** “Strengthening the capacity of emergency departments of Central Asian countries to use unmanned aircraft for emergency situations”. Implementation period: March-May 2023.
 - 36) **GIZ Green Central Asia project** “Climate Risk Management”. Implementation period: July 2023 - June 2025.
 - 37) **GIZ Green Central Asia project** “Co-financing of the Regional Forum-Meeting of the Heads of Emergency Departments of Central Asian Countries.” Implementation period: 2023.
 - 38) **GIZ Green Central Asia project** “Strengthening the material and technical equipment of the Central Black Sea Disaster Republic.” Implementation period: July 2023 - June 2025.
 - 39) **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.
 - 40) **UNDRR project** “Support for 2023 for the subregional implementation of the Sendai Framework in Central Asia.” Implementation period: August 2023 - January 2024.
 - 41) **Project of the UNDP Regional Center in Istanbul and the CIS** “Co-financing of the Regional Forum-Meeting of Heads of Emergency Departments of Central Asian Countries.” Implementation period: 2023.
 - 42) **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;
 - 43) **IFRC project** “On cooperation on international disaster law.” Implementation period: November 2023-February 2024.
 - 44) **UNICEF project** “Increasing the capacity of the sectors of emergency situations, health, education, social protection, internal affairs on basic obligations regarding children in emergency situations.” Implementation period: 2024;
 - 45) **FAO project in the Republic of Kazakhstan** “Institutionalization of methodology for assessing damage and losses for the agricultural sector in the Republic of Kazakhstan.” Implementation period: December 2023 – November 2024;
 - 46) **FAO project in the Kyrgyz Republic** “Support for digitalization of damage and loss assessment in agriculture of the Kyrgyz Republic.” Implementation period: December 2023 – November 2024.
12. At the initiative of the Center, 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. 3 meetings of the joint working group of the Ministry of Emergency Situations of

the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic and the Center were held on May 21, 2020, February 09, 2021 and May 18, 2021 in Bishkek on the basis of the Central Asian Institute of Applied Geosciences.

A technical working group has been set up to develop **Regional system of early warning and mutual information about the threat and occurrence of emergencies**.

On September 5, 2023, the first meeting of the technical working group on the creation of a Regional Early Warning System was held at the Center for Emergency Situations and Disaster Risk Reduction.

13. On the initiative Since 2018, the Center and ICDO have been provided with organizational support to establish cooperation and interaction **diving services of Kazakhstan and Kyrgyzstan**, to improve the skills of cytological services of emergency departments of the countries of Central Asia.

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 trainings 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 1-2 groups, 10 divers were awarded international certificates "Master Trainer", which 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. In 2022 based on training ground "Rock City - Astana" "ten-day master training for canine services of emergency departments of Central Asian countries. In 2023, 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 successfully conducted a master training for cytological services of the countries of Central Asia with the technical and financial support of the IGO. 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. In addition, in 2023, 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 ICDO, successfully conducted a master training on the use of unmanned aircraft for emergency situations. According to the results of the master training, 51 unmanned aerial vehicle operators from Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan were awarded international certificates, while two trainers of the Center were awarded certificates of the IGO "Professional Trainer of the Course "Using UAVs for Emergency Tasks".

14. 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 a dam break in the Sardoba reservoir of the Republic of Uzbekistan.
15. The Center, together with UNICEF in the Republic of Kazakhstan, is conducting 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. In 2023, a number of activities were carried out to strengthen the capacity of the non-governmental sector of the Republic of Kazakhstan in the field of basic obligations for children during humanitarian actions, coordination of actions in emergencies and planning for the provision of services in emergencies.
16. The Center regularly organizes and carries out work on collection, compilation, 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 countries of Central Asia".
17. From March 2020 to April 2022, the Center carried out work on collection, synthesis, analysis and exchange of information on the situation, problems, needs and requests of the Central Asian countries 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 communication 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 regular Regional consultative and advisory meetings with representatives of regional and subregional offices of international and non-governmental organizations to discuss issues reducing the risk of disasters, emergencies and the COVID-19 pandemic in the countries of Central Asia.*

18. The Center, together with international and non-governmental organizations, scientific institutions, with their technical and financial support, for the period from 2016 to July 2023, prepared and held **192** international events (conferences, forums, seminars, trainings, meetings, meetings ...) in the field of disaster and emergency risk reduction.

(Indicative costs of donor agencies, international and non-governmental organizations for the preparation and holding of the above international events amounted to more than 2 million US dollars).

6601 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:

- ◆ *2437 representatives of the Republic of Kazakhstan;*
- ◆ *636 representatives of the Kyrgyz Republic;*
- ◆ *798 representatives of the Central Asian countries and other states;*
- ◆ *308 representatives of scientific institutions and independent experts;*
- ◆ *2422 representatives of international and non-governmental organizations.*

19. The Center, together with partners, developed and posted on the Center's website, and also transferred for practical use to the emergency departments of the Central Asian countries, international and non-governmental organizations, scientific and educational institutions more than **70** research, analytical, methodological developments, educational, methodological, informational and reporting materials in the field of DRR and emergency situations.