



# Center for Emergency Situations and Disaster Risk Reduction



The Center has been opened and has been operating since **14th September, 2016**

## STATUSES OF THE CENTER (formal and delegated):

- .....● Permanent Interstate body – International Organization;
- .....● The Secretariat of the Regional Forum-Meeting of the Heads of Emergency Authorities of Central Asian countries;
- .....● The Regional Resource Center on monitoring and implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 in Central Asian region;
- .....● Affiliated Member of the International Civil Defence Organization (ICDO).





# THE REGIONAL FORUM – MEETING OF THE HEADS OF EMERGENCY AUTHORITIES OF CENTRAL ASIAN COUNTRIES:

Almaty, April 2018



Bishkek, July 2019



Online, December 2020



Tashkent, November 2021



Dushanbe, October 2022



Almaty, November 2023



The Secretariat of the Regional Forum is the Center.

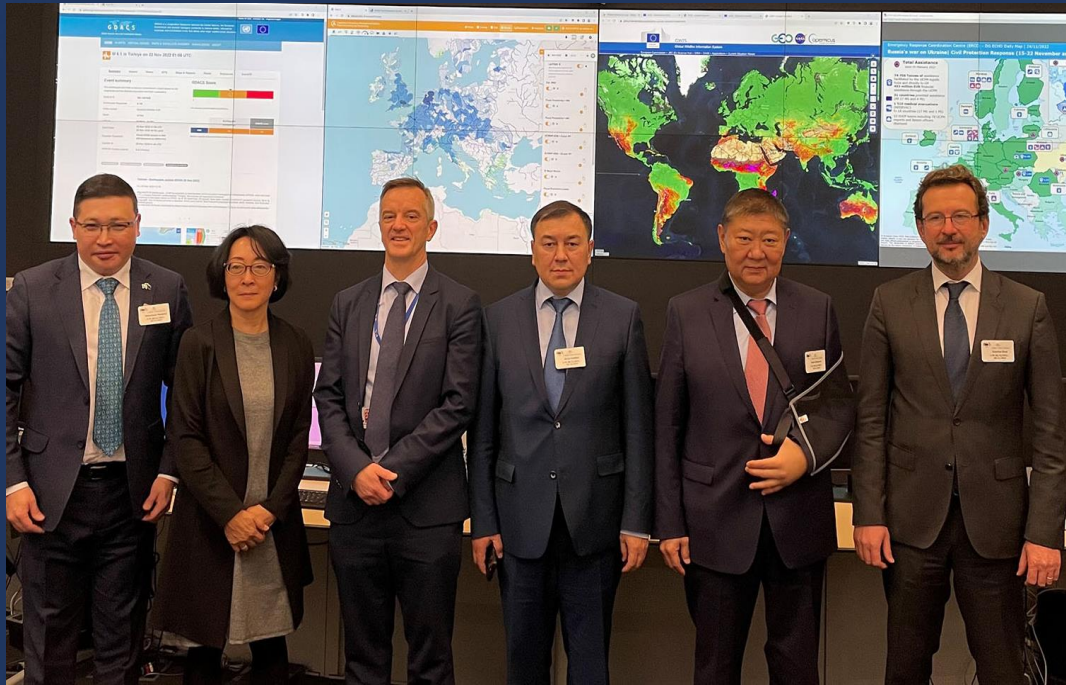
The working body of the Regional Forum is the Working group of the Regional Forum.

## THE OUTCOME OF THE REGIONAL FORUM – MEETING OF THE HEADS OF EMERGENCY AUTHORITIES OF CENTRAL ASIAN COUNTRIES:

- **Regional Disaster Risk Profile of CA countries** is approved.
- **Strategy for the development of cooperation of CA countries in DRR for 2022-2030** is approved.
- **Action Plan (Roadmap) for the implementation** of the Strategy for the development of cooperation of CA countries in DRR for 2023-2024 is approved.
- **Regulation "On the Regional coordination mechanism for emergency response"** is approved.
- **Regional Register of forces and means of CA countries** is formed for rescue operations on their territory in case of emergencies.
- **Concept of the use of unmanned aviation to reduce DRR, prevention, and response to emergencies in CA countries** is approved.
- **Action Plan on introduction of innovative information and communication technologies (GIS, UAVs, mapping) in Central Asian countries for monitoring, forecasting, assessment and analysis of disaster risk for 2023-2024** is approved.
- **The Appeal of the Heads of emergency Authorities of Central Asian countries to the UN Secretary General** on creating a Regional Early Warning System and mutual information about the threat and occurrence of transboundary emergencies is signed.
- **The Initiative to create a Digital Atlas of transboundary hazards in Central Asian countries** using the example of the platform being developed "Digital Safety Passport and Interactive Map - Digital Atlas of Risks in the Republic of Kazakhstan" is approved



# DIALOGUE WAS INITIATED ON THE ESTABLISHMENT OF A REGIONAL COORDINATION CENTER FOR EMERGENCY RESPONSE IN CA



**On 28 November 2022 in Brussels** at the high-level event on raising awareness of resilience to disasters and climate change in Central Asia under the auspices of His Excellency Mr. **Margulan Baimukhan** - Ambassador of Kazakhstan to Belgium, Her Excellency Ms. **Terhi Hakala** - European Union's Special Representative for Central Asia and Her Excellency Ms. **Mami Mizutori** - Special Representative of the United Nations Secretary-General for Disaster Risk Reduction a discussion about the urgent need for a structure in Central Asia like the European Emergency Response Coordination Center (ERCC) on the basis of the CESDRR in Almaty was initiated.



# DIALOGUE WAS INITIATED ON THE ESTABLISHMENT OF A REGIONAL COORDINATION CENTER FOR EMERGENCY RESPONSE IN CA

- **June 2023:** Working meeting with the Head of the IFRC Regional Office for Central Asia (Almaty)

A joint Regional Consultation Workshop on improving **the Regional Disaster Response Coordination Mechanism** and harmonizing international and national disaster legislation is planned.



- **August 2023:** Participation in the ASEAN Interregional Dialogue on Disaster Resilience (Singapore)

The experience of the ASEAN Coordination center for Humanitarian Assistance and Disaster Management for the ASEAN countries was studied



**Goal:** Improving transboundary climate risk and disaster risk management in Central Asia

**Outcome:** Establishment of the Transboundary Early Warning System for hydrological hazards







# ICDO – Advanced training for canine services of Emergency Authorities of Central Asian countries *(May, 14-22)*



- Experienced canine trainers from **the Russian Federation** were invited

- Cynologists have worked out the technique of using rescue dogs in search and rescue operations on a man-made blockage and in the natural environment



- 41** cynologists from **MES of Kazakhstan, MES of Kyrgyzstan, CES of Tajikistan and MES of Uzbekistan** were trained

- Upon completion of training, rescue cynologists were **awarded international standard certificates**





# Rescue operations in Türkiye



Of the **12** canine units of the Central Asian countries that participated in the rescue operation in Türkiye, **5** units took part in the advanced training in 2022, which eventually helped save **38** people alive and retrieve the bodies of **682** dead from the rubble





## ICDO - Advanced Training on the use of UAVs for Emergency Management *(May, 14-18)*

- The International trainers of ICDO and CESDRR acted as trainers
- **51** drone operators from MES of Kazakhstan, MES of Kyrgyzstan, CoES of Tajikistan and MES of Uzbekistan attended the training
- Within the framework of the training, competitions were held among participants in three disciplines: "Crossing the track with obstacles in the minimum time", "Delivery of a small-sized cargo to the victim" and "Night rescue operation"
- Upon completion of training, drone operators were awarded international standard certificates





# UNICEF - Online school of Unmanned aviation

A unique product has been created in Central Asia - the Online School of Unmanned Aviation - is the only remote tool in the region for training specialists in the use of UAVs for civil protection tasks.



УЧЕБНЫЕ МОДУЛИ   СЕРТИФИКАЦИЯ   ПОЛЕЗНЫЕ МАТЕРИАЛЫ

## ОНЛАЙН ШКОЛА

беспилотной авиации и послеполетной обработки данных

[Инструкция по регистрации и прохождению курса обучения](#)

[Начать обучение](#)

[Об онлайн школе](#)

## Statistics

Total started training	938
Did not reach the threshold score	557
Successfully passed the test	275
Total percentage of successful trained	31,3%

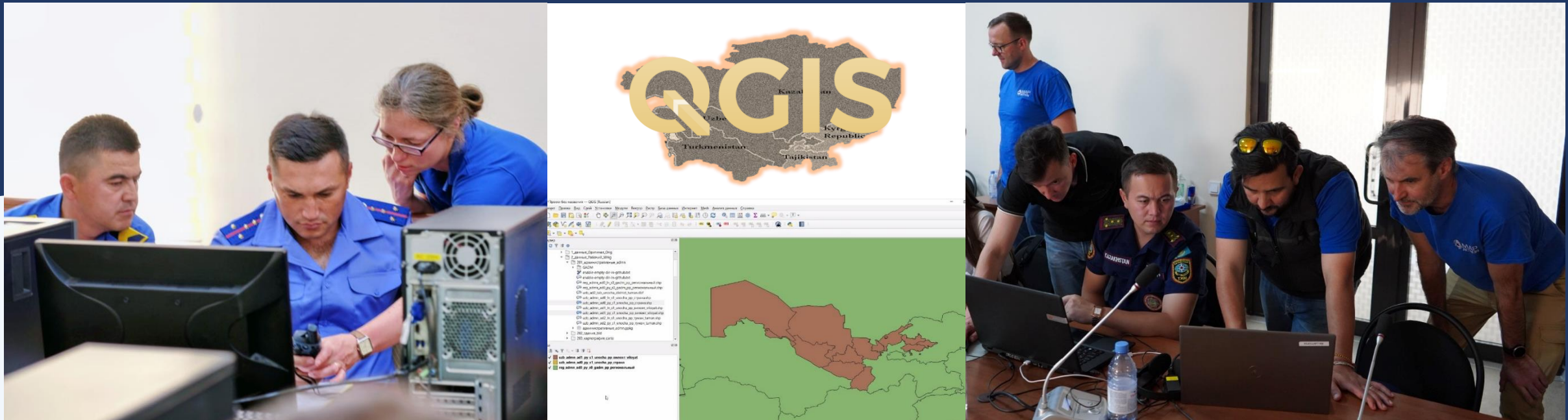
## Number of learners by country

Kazakhstan	703
Russia	93
Uzbekistan	31
Kyrgyzstan	32
Moldova	12



## MapAction - Series of advanced training on the application of GIS technologies and mapping in emergencies for officers of MES Kazakhstan, MES Kyrgyzstan and MES Uzbekistan (May-June)

In 2023, **2** trainings were conducted, **27** officers of MES of Kazakhstan, MES of Kyrgyzstan and MES of Uzbekistan were trained





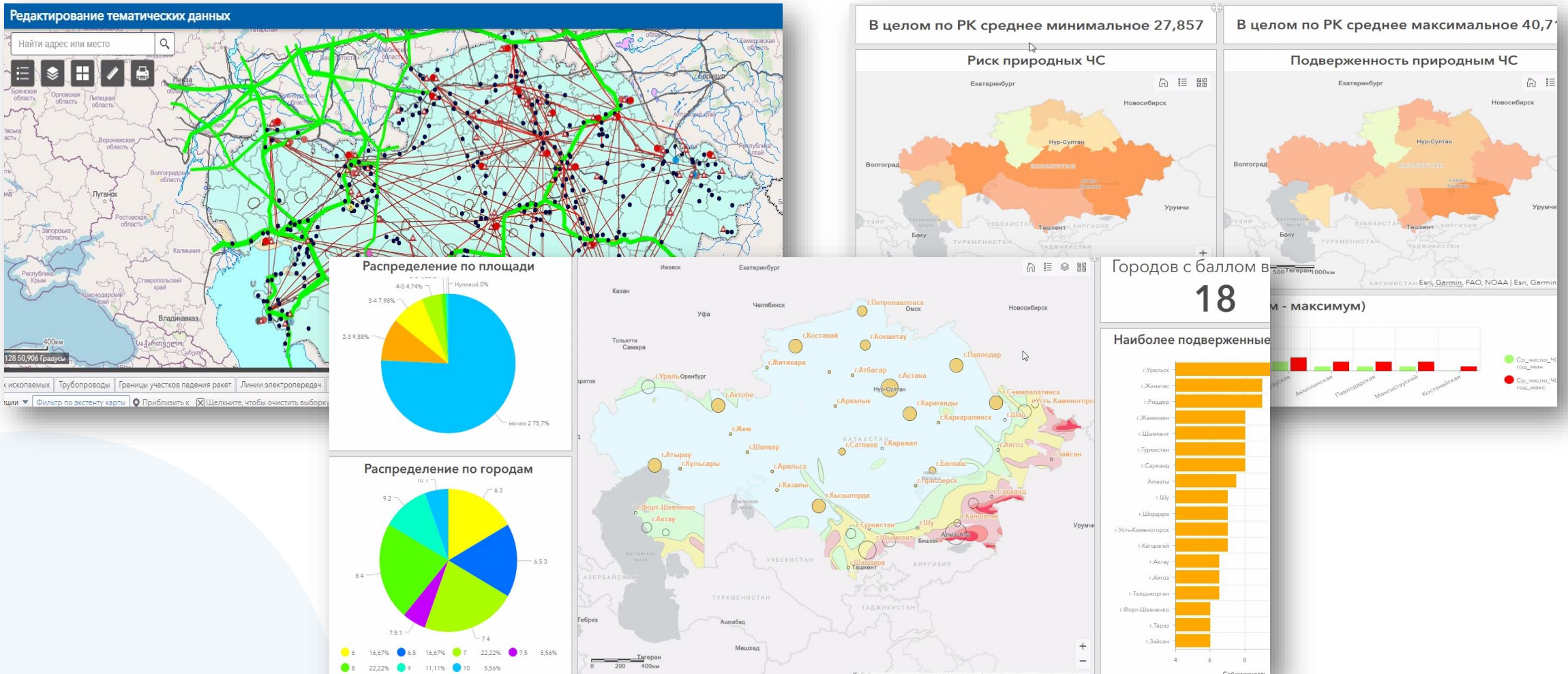
# UNDRR – Sub-regional Implementation of the Sendai Framework in Central Asia *(August - December)*



**09/05/2023 - THE FIRST MEETING OF THE TECHNICAL WORKING GROUP ON THE ESTABLISHMENT OF THE REGIONAL EARLY WARNING SYSTEM**



# OSCE - Strengthening the capacity of the Republic of Kazakhstan in climate change adaptation and disaster risk reduction by creating interactive maps and digital safety passports of the regions *(June - December)*







# FAO in KR- «Institutionalization of damage and loss assessment methodology for the agricultural sector in Kyrgyzstan» (2022-2023)

**Main goal:** Support the Kyrgyz Government in establishing a system for regular collection of data on damage and losses related to disasters in agriculture, fisheries and forestry.

## Achieved outcomes:

- **National subsystem for assessment of damage and losses** related to disasters in agriculture (crop production, animal husbandry), fishery, aquaculture, and forestry was introduced into the State Civil Protection System of the Kyrgyz Republic.
- **Revised, adapted and submitted to the state authorities for approval/adoption the Methodology for the assessment of damage and losses associated with disasters in agriculture** (crop production, crops, agriculture, etc.) related to disasters in agriculture (crop production, livestock), fisheries, aquaculture and forestry. forestry.
- **A legal and regulatory framework** for a national system for assessing damage and losses associated with disasters in agriculture, fisheries and forestry **has been developed and submitted** for approval to the relevant government bodies.





From  
the People of Japan



## **UNDP** : «Creation of a drought response system based on drought monitoring and forecasting» *(January - March)*

- Within the project a **series of trainings** for building stakeholder capacity to practice drought response skills, mitigate drought impacts are conducted and draft documents to strengthen the country's capacity in forecasting and responding to drought are developed.
- The work provides for strengthening the capability of the RSE "Kazhydromet" to improve the efficiency of agrometeorological monitoring and forecasting, **the new design of the drought forecast bulletin**, taking into account the needs of the main consumers, will not only provide information but also understand and easily interpret for taking appropriate measures.
- In drought response, a **coordination mechanism for drought response at the national level** and a **Drought Response Plan based on a pilot region** were developed with the development of standart recommendations for dissemination and use by other regions of Kazakhstan.





# UNDP in KR - «Reducing risks and vulnerability from glacial lake outburst failure (GLOF) and mudflows in Kyrgyzstan through strengthening the national disaster monitoring system and community adaptive capacity» (2023-2024)

## Project tasks:

- **Development of the national action plan** to strengthen the "Unified Disaster Monitoring and Forecasting System, including 2023-2027".
- **Strengthening national DRR capacity** for glacial lake outburst risk management through software and hardware upgrades, access to their integration into the national disaster monitoring system, and technical knowledge sharing.
- **Strengthening the ability of communities** to adapt to the risk of glacial lake outbursts and mudflows.





# UNICEF - «Improving the potential of emergency, health, education, social protection and internal affairs sectors on Core Commitments for Children in Emergencies

(2022-2023)

## ● Training for hotline operators in Kazakhstan

**Participants:** MIA RK, MES RK, Ministry of Health, NGO – **182** hotline operators

## ● Training for state sector and NGO on preparedness for disaster response taking into account Core Commitments of Children

**Participants:** MES RK, MIA RK, Ministry of Labor RK, Ministry of Health, Ministry of Education, Ministry of Information, NGO – **114** participants

## ● Capacity building training for stakeholders on access to water, sanitation and hygiene in emergencies.

**Participants:** MES RK, Ministry of Health, local governments of regions, international organisations – **191** participants







# UNICEF - «Improving the potential of emergency, health, education, social protection and internal affairs sectors on Core Commitments for Children in Emergencies

(2022-2023)



Within the framework of the project, 200 hygiene kits were purchased for the population affected by the emergency. **1000** people, **600** of whom are children, will receive humanitarian aid.

**2023:** Conducted **20** international events, workshops, trainings

In total - **947** participants

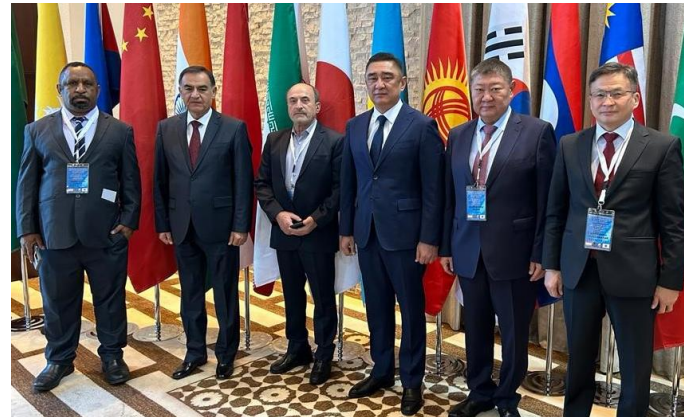
Representatives from CA countries – **826**

Representatives of international organizations – **121**

## Participation of CESDRR in key international events



**ASEAN Inter-regional Dialogue on Disaster Resilience, Singapore**



**Asian Conference for Disaster Reduction, Dushanbe**



**Second High-Level Dialogue on Climate Change in CA, Bishkek**

## International Trends in DRR

### ASEAN Inter-regional Dialogue on Disaster Resilience, Singapore

- Development and implementation of innovative information and communication technologies in DRR measures;
- Establishment of multi-hazard early warning systems;
- Ensuring financial resilience to disasters;
- Strengthening the capacity of emergency response services.

### Asian Conference for Disaster Reduction, Dushanbe

- Creating interactive maps and digital safety passports to improve regional climate resilience;
- Use of remote sensing technologies and drones for monitoring and forecasting of emergencies.



# PROJECTS TO BE IMPLEMENTED BY THE CENTER AS AN IMPLEMENTING PARTNER IN 2024:



**GIZ** - «Climate Risk Management».



**OSCE** - «Strengthening the capacity of the Republic of Kazakhstan in climate change adaptation and disaster risk reduction by creating interactive maps and digital safety passports of the regions ».



**ICDO** - «Strengthening the capacity of emergency authorities of Central Asian countries to use unmanned aviation for emergency tasks».



**UNICEF** - «Improving the potential of emergency, health, education, social protection and internal affairs sectors on Core Commitments for Children in Emergencies».

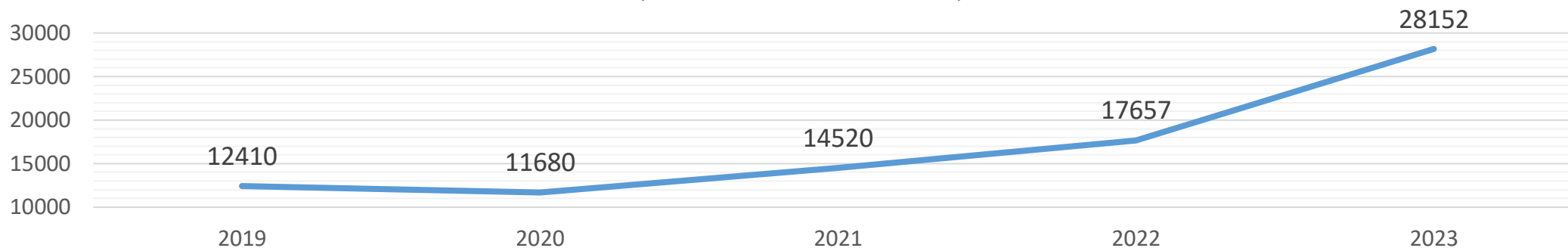


**FAO in RK** - «Institutionalization of damage and loss assessment methodology for the agricultural sector in the Republic of Kazakhstan».

**FAO in KR** - «Support for digitalization of damage and loss assessment in agriculture in the Kyrgyz Republic».

# Dynamics of visits to [www.cesdrr.org](http://www.cesdrr.org) for the period from 2019 to 2024

(as of 17 Jan 2024)



Number of visitors to the site by year and country



Country	2019	2020	2021	2022	2023
Kazakhstan	5802	5560	6257	7669	10108
Kyrgyzstan	1022	984	1209	1332	2496
Russia	763	963	757	1034	2390
USA	841	1105	812	807	2116
Uzbekistan	411	374	423	589	997
China	534	570	401	338	782
Others	3037	2124	4661	5888	9263
<b>Total</b>	<b>12410</b>	<b>11680</b>	<b>14520</b>	<b>17657</b>	<b>28152</b>



# Thank you for your attention!



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