

# Center for Emergency Situations and Disaster Risk Reduction



**The Centre was established and has been operating since 14 September 2016**

## **CENTER STATUSES (official and delegated):**

- A permanently operating intergovernmental body – an international organization;
- Secretariat of the Regional Forum – Meeting of the Heads of Emergency Authorities of Central Asian countries;
- Regional Resource Center for monitoring the implementation of the Sendai Framework for Disaster Risk Reduction 2015–2030 in the CA region;
- Affiliate member of the International Civil Defence Organization (ICDO).



# Participation of the CESDRR in key international events



Asian ministerial conference on Disaster Risk Reduction, India



European and Central Asian Regional platform for disaster risk reduction, Montenegro



Central Asian Conference on climate change, Almaty

## International trends in DRR

### Development of multi-hazard early warning systems

#### Introduction of ICT in DRR measures:

- Use of space technologies and drones;
- Development of interactive maps and digital safety passports;

#### Ensuring financial resilience to disasters

#### Strengthening the capacity of emergency response services

## **MAIN REGIONAL INITIATIVES OF THE CENTER:**

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- 1. Establishment of a Regional Coordination Center for Emergency Situations in Central Asian countries to coordinate and technically support humanitarian operations based at the Center;**
- 2. Development of a Digital Atlas of Transboundary Hazards in Central Asian countries;**
- 3. Establishment of a Regional Early Warning and Mutual Information System on threats and occurrence of emergencies.**

# MEASURES TO PROMOTE THE CENTER'S INITIATIVES



Participation in the Eurasian Development Bank digital projects competition



Working meetings with representatives of OSCE Offices in Astana and Bishkek



Working meeting with the UN Resident Coordinator in the Republic of Kazakhstan, Mikaela Friberg-Storey



Meeting with the UN Secretary-General's Special Representative Kamal Kishore



Meeting with the Director for CA DG ECHO, Andreas Papaconstantinou



Working meeting with the Ambassador of the European Union to the Republic of Kazakhstan, Ms. Aleška Simkić

# MAIN REGIONAL INITIATIVES OF THE CENTER:

In 2018, the Center was granted the status of THE SECRETARIAT OF THE REGIONAL FORUM – MEETING OF THE HEADS OF EMERGENCY AUTHORITIES OF CENTRAL ASIAN COUNTRIES, a total of 8 Regional Forum meetings were held: year 2018 - in Almaty, year 2019 - in Bishkek, year 2020 – video conference format, year 2021 - in Tashkent, year 2022 - in Dushanbe, year 2023 - in Almaty, year 2024 - in Cholpon-Ata, year 2025 in Dushanbe.

FOLLOWING THE MEETINGS, A NUMBER OF STRATEGIC DOCUMENTS FOR THE CA REGION WERE APPROVED



**10 November 2023** – Ministers of Emergency Situations of CA countries signed an **Appeal of the Heads of Emergency Authorities of Central Asian Countries to the UN Secretary-General** regarding the establishment of a Regional Early Warning and Mutual Information System on transboundary emergency threats and occurrences.



**The appeal was submitted to the UN Secretariat (UN Headquarters, New York)**

# Response of the UN Secretary-General to the appeal of the heads of emergency authorities of CA countries



HEADQUARTERS NEW YORK, NY 10017

Канцелярия Специального советника Генерального секретаря  
по вопросам мер по борьбе с изменением климата  
и помощника Генерального секретаря по вопросам  
Группы по борьбе с изменением климата

20 августа 2024 г.

Ваше Превосходительство,

От имени Генерального секретаря Организации Объединенных Наций я с благодарностью подтверждаю получение вашего письма от 20 марта 2024 года и приветствую ваше лидерство и приверженность снижению риска бедствий и продвижению этой важной повестки дня для региона Центральной Азии. Ваша инициатива по созданию Центральноазиатской системы раннего оповещения и взаимной информации является важным шагом на пути к региональной устойчивости в соответствии с целями Сендайской рамочной программы по снижению риска бедствий на 2015–2030 годы.

Я приветствую ваш подход к согласованию региональной системы с видением глобальной инициативы «Раннее оповещение для всех» (EW4All), которая направлена на обеспечение всеобщего охвата системами раннего оповещения к 2027 году. Это амбициозная цель, но она достижима при тесном сотрудничестве и взаимодействии всех партнеров. Избежание дублирования усилий и использование синергии со всеми заинтересованными партнерами будет иметь решающее значение. Поэтому крайне важно, чтобы региональная система основывалась на существующих региональных информационных и прогнозных платформах. Поэтому было бы полезно оценить прогресс, достигнутый на сегодняшний день в области национальных и региональных систем раннего оповещения, и определить шаги, необходимые для эффективной реализации этого регионального начинания.

Его Превосходительство г-н  
Чингис Аринов  
Министр по чрезвычайным  
ситуациям Республики Казахстан  
г.Астана

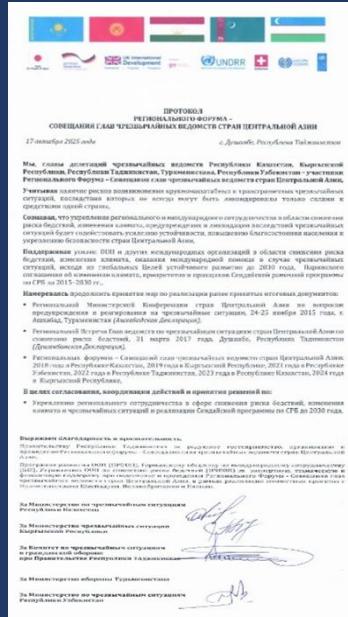
Я хочу поблагодарить вас за ваше лидерство и приверженность. Вы можете быть уверены в полной приверженности Генерального секретаря и всей Организации Объединенных Наций этим усилиям. Вместе мы можем работать над более безопасным и более устойчивым будущим для всех.

Аналогичный ответ будет направлен остальным подписантам.  
Пожалуйста, примите, Ваши Превосходительства, заверения в моем самом высоком уважении.

Сельвин Харт  
Помощник Генерального Секретаря  
Группа по борьбе с изменением климата

# REGIONAL FORUM – MEETING OF THE HEADS OF EMERGENCY AUTHORITIES OF CA COUNTRIES

## (17 October 2025, Dushanbe, Republic of Tajikistan)



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

- **The Regional disaster risk (profile) of CA countries** was approved.
- **The Strategy for the development of cooperation of CA countries in Disaster Risk Reduction for 2022–2030** was approved.
- **The Plan of Practical Measures (Roadmap)** for the implementation of the Strategy for the development of international cooperation of Central Asian countries in Disaster Risk Reduction for 2025–2026 was approved.
- **The Regulation “On the Regional Coordination Mechanism for Emergency Situations”** was approved.
- **The Regional Register of forces and resources of CA countries** for conducting emergency situations operations on their territories in case of emergencies was established.
- **The Regulation on the Regional Early Warning** and mutual information system on threats and occurrence of emergencies was approved.
- **The Appeal of the heads of emergency authorities of CA countries to the UN Secretary-General** on the establishment of a Regional Early Warning and Mutual Information System on threats and occurrence of transboundary emergencies was signed.
- **The Initiative on the establishment of a Digital Atlas** of transboundary hazards of CA countries was approved, based on the example of the developing platform “Digital Safety Passport and Interactive Map – Digital Risk Atlas in the RK”.
- **The Action Plan for 2023–2024** on the introduction of **innovative information and communication technologies** in the field of disaster risk reduction in Central Asian countries (UAVs, GIS, mapping, etc.) was approved.

## PROJECTS IMPLEMENTED BY THE CENTER AS AN IMPLEMENTING PARTNER:

**From 2016 to 2025**, the Center, together with emergency authorities of regional countries, international and non-governmental organizations, implemented **more than 60 programmes and projects in the field of disaster risk reduction and emergency situations**:



## PROJECTS IMPLEMENTED BY THE CENTER AS AN EXECUTING PARTNER IN 2025 main (14 projects):



**UNDRR** – “Development of a Concept of an integrated approach to managing transboundary disaster risks taking into account climate change”.

**UNICEF** – “Capacity building of Emergency situations, healthcare, education, social protection, and internal affairs sectors on Core Commitments for Children in Emergency situations”.

**FAO in RK** – “Institutionalization of the damage and loss assessment methodology for the agricultural sector in the Republic of Kazakhstan”.

**FAO in KR** – “Support in digitalization of damage and loss assessment in agriculture of the Kyrgyz Republic”.

**UNDP** – “Improvement of the process of post-disaster damage, loss and needs assessment and recovery planning in CA”.

**UNDP in KR** – “Reducing risks and vulnerability from Glacial Lake Outburst Floods (GLOF) and mudflows in Kyrgyzstan through strengthening the national disaster monitoring system and community adaptive capacity”.

**OSCE** – “Strengthening the capacity of the Republic of Kazakhstan in climate change adaptation and resilience and DRR through the creation of interactive maps and digital safety passports of regions of Kazakhstan”.

**GIZ** – “Climate risk management in Central Asia”.

**ICDO** – “Strengthening the capacity of emergency authorities of Central Asian countries in the use of unmanned aviation for Emergency situations tasks”.

**UNICEF – “Capacity building of Emergency situations, healthcare, education, social protection, internal affairs sectors on Core Commitments for Children in Emergency situations” (2022-2025)**

**2023** - Within the framework of the project, **200** sanitary and hygiene kits were purchased for the population affected by ES, designed for **1000** people, of which **600** were children



**April 2024**  
The kits were delivered to the affected population of Aktobe region



**400** hygiene kits were placed in storage at the warehouse of the Department of Emergency situations of Almaty region

# UNICEF – Online Unmanned Aviation School

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

## General statistics

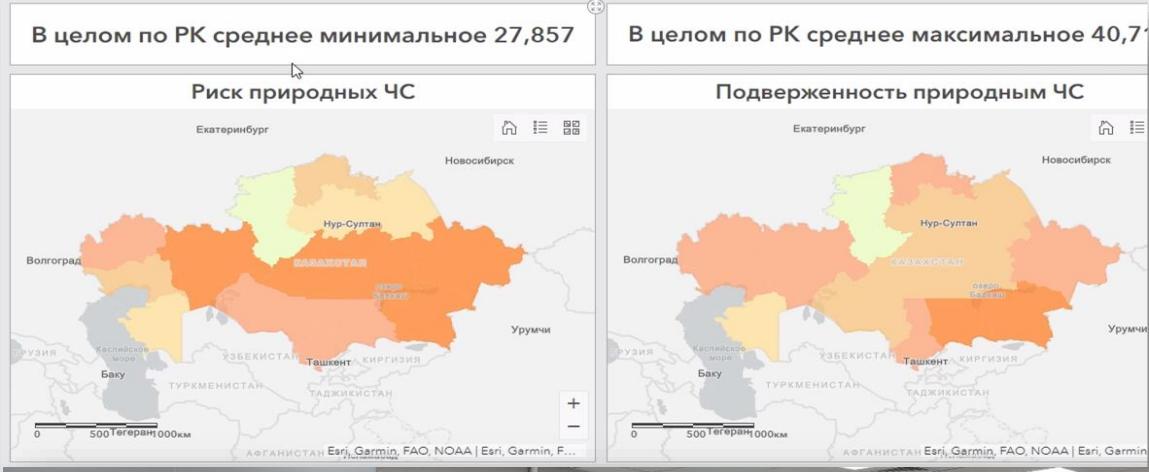
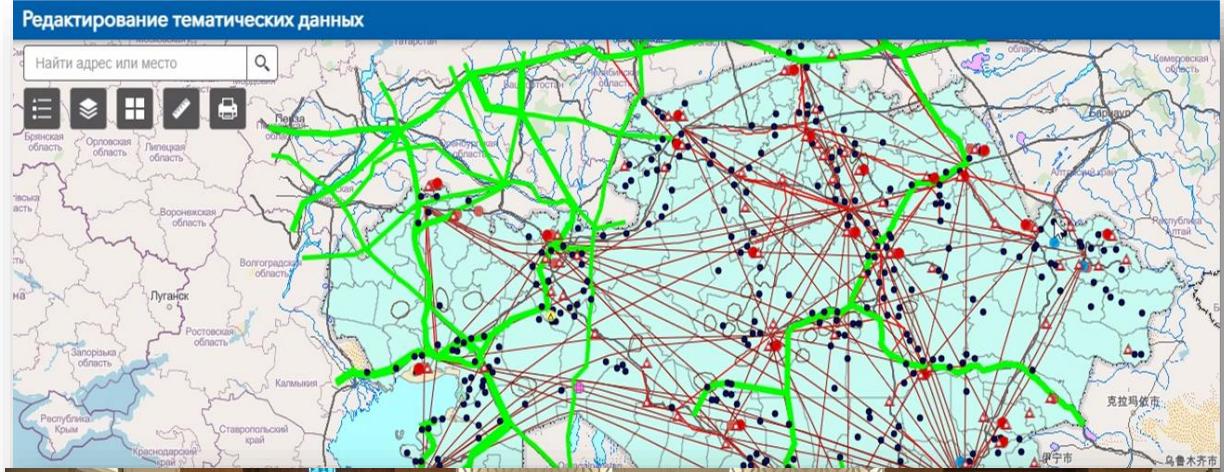
Total started training	4128
Did not reach the threshold score	3007
Successfully passed testing	1121
Overall percentage of successfully completed training	27,15%

## Number of trainees by countries

Kazakhstan / MES RK	3724 / 974
Russia	295
Uzbekistan	48
Kyrgyzstan	41
Moldova	13
Belarus	7

# OSCE – Development of subsystems “Digital safety passport” and “Interactive maps” (2023-2025)

Organization for Security and  
Co-operation in Europe



December 6, 2024 – the developed subsystems were transferred  
to the MES of the Republic of Kazakhstan

**Goal: Improvement of management of transboundary climate risks and disaster risks in Central Asia**

**Includes: Creation of a transboundary early warning system on hydrological disasters**



A screenshot of a map interface. The top navigation bar includes tabs for "Материалы съемки" (Survey Materials), "Объекты мониторинга" (Monitoring Objects), "АСГМ-01 (РК)" (ASGM-01 (Kazakhstan)), "АСГМ-02 (РУ)" (ASGM-02 (Russia)), and "Сервис для доступа к данным" (Data Access Service). The main area displays a satellite map of a region with a town and agricultural fields. Two vertical panels on the left and right sides show zoomed-in views of specific areas. Below the main map, there are five smaller thumbnail images labeled: "КАЗ р. Угам (с. Угам)", "ТЖК р. Угам (г.п. Хумсан)", "ТЖК р. Зарапшан (с. Водииф)", "ТЖК р. Зарапшан (х. Худгиф...)", and "ТЖК р. Зарапшан (п. Навобод)".



ЦЧССРБ  
CESDRR



# ICDO – Strengthening the capacity of emergency response services of Central Asian countries

Master training for divers  
MES of the Republic of Kazakhstan

2021



Master training  
for canine services of Central Asian countries

2022 – 2023



Master trainings on the use of UAVs for Emergency situations tasks

2019 – 2025





# **FAO in RK – “Institutionalization of the damage and loss assessment methodology for the agricultural sector in the Republic of Kazakhstan”**

**(2024)**



**Main project goal:** Providing support to the Government of the Republic of Kazakhstan in creating a system of regular data collection on disaster-related damage and losses in agriculture through institutionalization of the Damage and Loss Assessment Methodology for agriculture, forestry and fisheries, developed in accordance with the FAO DaLA methodology.

**Contributes to the implementation of reporting obligations**

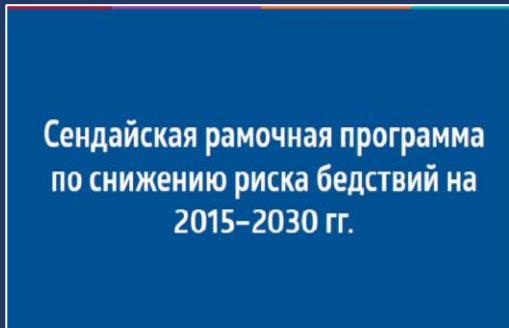
**Sendai Framework for Disaster Risk Reduction**

**Sustainable Development Goals (SDGs)**



# FAO in KR – “Support in digitalization of damage and loss assessment in agriculture of the Kyrgyz Republic” (2024)

**Main project goal:** Support in digitalization of the unified methodology for assessing disaster damage and losses in agriculture, forestry and fisheries of Kyrgyzstan



# STRENGTHENING REGIONAL AND INTERNATIONAL COOPERATION



Executive Director of the Asian  
Disaster Preparedness Center (ADPC),  
Bangkok,  
**Hanso Guttman**  
March 15, 2017



JICA Country Advisor in Kazakhstan  
**Matsuya Murayama**  
June 5, 2017



Deputy Secretary General of the Italian  
Red Cross - **Barbara Contini**  
April 11, 2018



Head of the IFRC Regional Office for  
Central Asia  
**Seval Guzelkilinc**  
15 November 2022



Head of the IFRC Central Asia  
Representation  
**Bayarmaa Luntan**  
17 September 2018



Deputy Regional Director of UNICEF  
for Europe and Central Asia  
**Philippe Cori**  
1 October 2018

# STRENGTHENING REGIONAL AND INTERNATIONAL COOPERATION



Head of the Representative Office of the Ministry of Foreign Affairs of the Republic of Kazakhstan **Iskakov E.U.** – October 30, 2019



Central Asia Regional Economic Cooperation Institute (CAREC), November 27, 2019



Director of the DRR and ICT Division of ESCAP for North and CA, **Tiziana Bonapace** – January 30, 2020



USAID Regional with Executive Director **James Bersheit** March 6, 2020



First Deputy Minister of Foreign Affairs of the Republic of Kazakhstan **Umarov Kairat Yermekovich** – October 27, 2022



Representatives of the World Bank Regional Office for Europe and CA May 4, 2022

# STRENGTHENING REGIONAL AND INTERNATIONAL COOPERATION



Head of the OSCE Programme Office in Astana **Volker Frobart**  
September 19, 2022



UN Resident Coordinator in the Republic of Kazakhstan **Mikaela Friberg-Story** – April 23, 2022



Director of DG ECHO Department **Andreas Papaconstantinou**  
June 19, 2024



Head of the IFRC Regional Office for CA **Seval Guzelkilinch**  
November 15, 2022



Deputy Resident Representative of UNDP in the RK **Sukhrob Khodjimatov**  
September 21, 2022



First Deputy Minister for Emergency situations of the PRC – **Xu Qiai**  
April 23, 2023

## THE CENTER AS A REGIONAL PLATFORM OF KNOWLEDGE AND PRACTICE

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At the Center's platform, **212** seminars and trainings were conducted with the involvement of the best international experts in the field of prevention and elimination of Emergency situations.

In total, more than **7,337** representatives of state authorities of **Central Asia** were trained at the Center.



# Thank you for attention!



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Website: [cesdrr.org](http://cesdrr.org)

