

PROPOSALS FOR DEFINING THE TARGET GROUP /TWG

for conducting a needs assessment to strengthen the capacity of Central Asian countries in reducing transboundary water-related climate risks....

CESDRR- The Secretariat of the Regional Forum – Meeting of the Heads of Emergency Authorities of Central Asian countries is proposed to establish a TARGET GROUP / TECHNICAL WORKING GROUP to conduct an assessment of the needs for strengthening the capacity of Central Asian countries in reducing transboundary climate risks related to water.... comprising delegated experts from Central Asian countries, as well as experts from international organizations and scientific institutions.



OBJECTIVES AND TASKS OF THE TARGET GROUP / TWG

- Identification/clarification, and agreement on a list of transboundary water resources in Central Asian countries that are classified as high-risk sites for large-scale and transboundary emergencies, the consequences of which cannot always be addressed by the resources of a single country alone;
- Assessment of the implementation of multilateral and bilateral intergovernmental agreements on cooperation in the prevention and response to emergencies, information exchange, climate change mitigation, hydrology, and other international agreements related to the reduction of transboundary water-related climate risks;
- Assessment of the current status of systems for detection, observation, monitoring, and forecasting of transboundary water-related climate risks;
- Assessment of the current status of mechanisms ensuring mutual information exchange (regular, operational, and emergency) among Central Asian countries regarding threats or occurrences of transboundary water-related climate risks, the impacts of which may extend to the territories of regional neighboring countries;
- Assessment of the current capacity of Central Asian countries in reducing transboundary water-related climate risks, including identification of strengths and weaknesses;
- Assessment of the need to strengthen capacity for reducing transboundary water-related climate risks;
- Exchange of best practices as well as lessons learned, including documents and materials related to reducing transboundary water-related climate risks, as well as the exchange of information on threats or occurrences of emergencies and hazardous hydrometeorological phenomena (including emergency hydrometeorological information) in transboundary areas among emergency authorities of Central Asian countries.

For example, representatives of the CES&CD RT and the MES UZ may share experience in joint activities and cooperation on timely warning in case of a potential outburst of Lake Sarez, development and implementation of local monitoring and early warning systems, satellite-based data transmission systems, forecasting, monitoring and alert systems, as well as the Information Exchange Algorithm and Regulations for interaction and information exchange between the CMC of CES & CD RT and the CMC of MES UZ;

- *Development of proposals to improve mechanisms for the exchange of information on threats or occurrences of emergencies and hazardous hydrometeorological phenomena (including emergency hydrometeorological information) in transboundary areas among emergency authorities of Central Asian countries;*
- *Formulation of proposals and development of draft documents, action plans, and other materials aimed at strengthening coordinated joint actions of Central Asian countries in reducing transboundary water-related climate risks, and submission of these materials for consideration at the Regional Forum – Meeting of Heads of Emergency Authorities of Central Asian countries in 2025 for the adoption of protocol decisions;*
- *Planning and phased implementation of coordinated joint actions of Central Asian countries to reduce transboundary water-related climate risks.*



Composition of the Target Group / TWG : Up to 30 members, consisting of expert specialists.

Format of Work:

Meetings of the Target Group / TWG and a series of training sessions will be conducted in both online and offline formats, with organizational and technical support provided by the Center for Emergency Situations and Disaster Risk Reduction (CESDRR), within the framework of the GIZ regional project “Climate Risk Management in Central Asia,” as well as other regional programs and projects

Proposals for the Representation / Composition of the Target Group / TWG

for conducting a needs assessment to strengthen the capacity of Central Asian countries in reducing transboundary water-related climate risks

Republic of Kazakhstan <i>Heads or Representatives</i>	
1.	CMC MES RK
2.	<i>Emergency Prevention Committee, MES RK (new Committee established in 2024)</i>
3.	Committee for Water Resources under the Ministry of Water Resources and Irrigation of the RK
4.	Republican State Enterprise “Kazhydromet” under the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan
Kyrgyz Republic <i>Heads or Representatives</i>	
5.	CMC MES KR
6.	Department of Monitoring and Forecasting of Emergencies of the MES of the KR
7.	Water Resources Service under the Ministry of Water Resources, Agriculture and Processing Industry of the Kyrgyz Republic
8.	Hydrometeorological Agency under the MES of the Kyrgyz Republic (Kyrgyzhydromet)
Republic of Tajikistan <i>Heads or Representatives</i>	
9.	CMC of CES & CD under the Government of RT
10.	Main Directorate for Protection of Population and Territories, CES & CD under the Government of RT
11.	State Supervision Service for the Safety of Hydraulic Structures of the Ministry of Energy and Water Resources of the Republic of Tajikistan
12.	Agency for Hydrometeorology of the Committee for Environmental Protection under the Government of the Republic of Tajikistan (Tajikhydromet)
Turkmenistan <i>Heads or Representatives</i>	
13.	Structural unit of the Ministry of Defense of Turkmenistan for emergency and crisis management (Crisis Management Center)
14.	State Committee for Water Management of Turkmenistan
15.	Hydrometeorological Service of the Ministry of Environmental Protection of Turkmenistan (Turkmenhydromet)
Republic of Uzbekistan <i>Heads or Representatives</i>	
16.	CMC of MES UZ

17.	Service for Centralized Management of Impacts on Hydrometeorological Processes of the MES UZ
18.	Inspectorate for Control of Safety of Water Management Facilities and Water Use of the Ministry of Water Resources of the RU
19.	Hydrometeorological Service Agency of the Ministry of Ecology, Environmental Protection and Climate Change of the RU(Uzhydromet)
CESDRR– Secretariat of the Regional Forum – Meeting of Heads of Emergency Authorities of Central Asian Countries	
20.	Director of CESDRR
21.	Expert Specialist, CESDRR
22.	Expert Specialist, CESDRR
GIZ	
23.	Representative – Expert Specialist, GIZ
24.	Representative – Expert Specialist, GIZ
25.	Representative – Expert Specialist, GIZ
Representatives - Expert Specialist of UN Agencies and Other International Organizations	
26.	Representative – Expert Specialist of an international organization (subject to agreement)
27.	Representative – Expert Specialist of an international organization (subject to agreement)
28.	Representative – Expert Specialist of an international organization (subject to agreement)
Representative – Expert Specialist of a Scientific Institution	
29.	Representative – Expert Specialist of a scientific institution (subject to agreement)
30.	Representative – Expert Specialist of a scientific institution (subject to agreement)

EXPECTED RESULTS / INDICATORS

- 1) **Strengthened capacity for the safe management of transboundary water resources in Central Asia through improved mechanisms for mutual information exchange among emergency authorities (CMCs) of Central Asian countries;**
 - *information on forecasting and monitoring hazardous processes and phenomena of natural, technological, and environmental origin, as well as the condition of potentially hazardous facilities posing a risk of emergencies, the impacts of which may extend to the territories of other Central Asian countries;*
 - *emergency hydrometeorological information (storm warnings) on hazardous hydrometeorological phenomena, the impacts of which may extend to the territories of other Central Asian countries.*
- 2) **Developed and agreed draft documents aimed at improving mechanisms for information exchange on threats and occurrences of emergencies and hazardous hydrometeorological phenomena in transboundary areas among emergency authorities of Central Asian countries.**
- 3) **Draft standard template for “Quarterly Operational Information on Forecasting and Monitoring of Hazardous Processes and Phenomena of Natural, Technological, and Environmental Origin, as well as the Status of Potentially Hazardous Facilities Posing a Risk of Emergencies, the impacts of which may extend to the territories of other Central Asian countries.”**
- 4) **Draft standard template for “Operational Information on Threats of Emergencies or Hazardous Hydrometeorological Phenomena, the impacts of which may extend to the territories of other Central Asian countries.”**
- 5) **Draft standard template for “Emergency Operational Information on the Occurrence of Emergencies or Hazardous Hydrometeorological Phenomena, the impacts of which may or already extend to the territories of other Central Asian countries.”**
- 6) **Draft standard operating procedure (SOP) for Crisis Management Centers (CMCs) of emergency authorities of Central Asian countries on “Procedures for Mutual Exchange of Operational Information on Threats**

or Occurrences of Emergencies or Hazardous Hydrometeorological Phenomena, the impacts of which may or already extend to the territories of other Central Asian countries,” including:

- Quarterly operational information on the forecasting and monitoring of hazardous processes and phenomena of natural, technological, and environmental origin, as well as on the condition of potentially hazardous facilities posing a risk of emergencies, the impacts of which may extend to the territories of other Central Asian countries;
- Operational information on threats of emergencies or hazardous hydrometeorological phenomena, the impacts of which may extend to the territories of other Central Asian countries;
- Emergency operational information on the occurrence of emergencies or hazardous hydrometeorological phenomena, the impacts of which extend to the territories of other Central Asian countries.

7) Draft standard operating procedure (SOP) for hydrometeorological services of Central Asian countries on “Procedures for Providing Emergency Authorities (CMCs) with Emergency Hydrometeorological Information (storm warnings) on hazardous hydrometeorological phenomena, the impacts of which may extend to the territories of other Central Asian countries.”

8) Approved / adopted and brought into force, through a protocol decision of the Regional Forum – Meeting of Heads of Emergency Authorities of Central Asian countries, documents aimed at improving the mechanism for information exchange among emergency authorities (CMCs) of Central Asian countries on threats and occurrences of emergencies or hazardous hydrometeorological phenomena, the impacts of which may or already extend to the territories of other Central Asian countries, including:

- Standard template for “Quarterly Operational Information on Forecasting and Monitoring of Hazardous Processes and Phenomena of Natural, Technological, and Environmental Origin, as well as the Status of Potentially Hazardous Facilities Posing a Risk of Emergencies, the impacts of which may extend to the territories of other Central Asian countries”;
- Standard template for “Operational Information on Threats of Emergencies or Hazardous Hydrometeorological Phenomena, the impacts of which may extend to the territories of other Central Asian countries”;
- Standard template for “Emergency Operational Information on the Occurrence of Emergencies or Hazardous Hydrometeorological Phenomena, the impacts of which may or already extend to the territories of other Central Asian countries”;
- Standard operating procedure (SOP) for Crisis Management Centers (CMCs) of emergency authorities of Central Asian countries on “Procedures for Mutual Exchange of Operational Information on Threats or Occurrences of Emergencies or Hazardous Hydrometeorological Phenomena, the impacts of which may or already extend to the territories of other Central Asian countries”;
- Standard operating procedure (SOP) for hydrometeorological services of Central Asian countries on “Procedures for Providing Emergency Authorities (CMCs) with Emergency Hydrometeorological Information (storm warnings) on hazardous hydrometeorological phenomena, the impacts of which may extend to the territories of other Central Asian countries.”

Unofficial translation

