

PROTOCOL
of intent on the Integration of Earthquake Early Warning Systems

The Ministry for Emergency Situations of the Republic of Kazakhstan, the Ministry of Emergency Situations of the Kyrgyz Republic, the Committee for Emergency Situations and Civil Defence under the Government of the Republic of Tajikistan, the Ministry of Defence of Turkmenistan, and the Ministry for Emergency Situations of the Republic of Uzbekistan, hereinafter referred to as the “Parties”, on the basis of the Protocol of the Regional Forum-Meeting of Heads of Emergency Management Agencies of the Central Asian States of 6 October 2022,

with a view to expanding mutual cooperation for the integration of earthquake early warning systems in the Central Asian States, expressed their intentions as follows:

Paragraph 1

The purpose of this Protocol is to expand cooperation among the Parties, strengthen their capacity for the integration of earthquake early warning systems in the Central Asian States, and ensure the practical implementation of joint activities of mutual interest.

The main objectives of such cooperation are to create favourable conditions for the exchange of operational experience, scientific and applied developments, information and technologies, as well as to organize joint research in the fields of seismology, seismic monitoring and earthquake response in the Central Asian States.

Paragraph 2

The Parties intend to cooperate in the following areas:

- a) establishing an earthquake early warning system for the Central Asian States through the integration of existing national seismic observation systems;
- b) integrating into a single regional data-exchange network other important types of monitoring sensors, including those observing the condition of moraine lakes, dams, bridges and other facilities;
- c) enhancing digital capacity to ensure readiness for receiving and transmitting input data from existing sensors and those to be installed across Central Asia in the future;
- d) developing, improving and implementing methodological and guidance materials, unified terminology, standardized formats, and systems for the reception, collection, processing, storage, protection, analysis and mutual exchange of information;
- e) introducing automated shutdown of critical infrastructure elements from electricity and gas supply in the event of emergencies in the Central Asian States;
- f) updating assessments of the underlying risk factors of large-scale transboundary disasters at the regional level and identifying possible socio-economic consequences in the event of their occurrence;

g) conducting research and development activities related to the establishment of earthquake early warning systems;

h) undertaking other activities related to the integration of earthquake early warning systems in the Central Asian States, as may be agreed upon by the Parties.

Paragraph 3

The Parties shall independently bear the costs related to the implementation of this Protocol, within the limits of the resources provided under the national legislation of their States, unless otherwise agreed by the Parties in each specific case.

Paragraph 4

The Parties recognize that this Protocol is not an international treaty and does not create rights or obligations for the Parties or their States governed by international law. The Parties proceed from the understanding that no actions undertaken within the framework of this Protocol shall prejudice the rights, mandates or interests of any of the Parties.

Paragraph 5

This Protocol shall enter into effect on the date of its signing. Dushanbe, 6 October 2022.

**For the Ministry of Internal Affairs
of the Republic of Kazakhstan**

**For the Ministry of Emergency Situations
of the Kyrgyz Republic**

**For the Committee for Emergency Situations
and Civil Defence under the Government
of the Republic of Tajikistan**

For the Ministry of Defence of Turkmenistan

**For the Ministry of Emergency Situations
of the Republic of Uzbekistan**