(unofficial translation)

MEMORANDUM
of Understanding on Seismic Safety, Seismological Research, and Earthquake Monitoring in the Central Asia Region

Tashkent **19 October 2026**

This Memorandum of Understanding on Seismic Safety, Seismological Research, Earthquake Monitoring and Seismological Data Exchange in the Central Asian States (hereinafter referred to as the "Memorandum") is concluded between: the "National Scientific Centre for Seismological Observations and Research" of the Ministry of Emergency Situations of the Republic of Kazakhstan; the Institute of Seismology of the National Academy of Sciences of the Kyrgyz Republic; the Central-Asian Institute for Applied Geosciences; the Institute of Geology, Earthquake-Resistant Construction and Seismology of the National Academy of Sciences of the Republic of Tajikistan; the Institute of Seismology and Atmospheric Physics of the Academy of Sciences of Turkmenistan; the Institute of Seismology named after G.A. Mavlyanov of the Academy of Sciences of the Republic of Uzbekistan; the Republican Centre for Seismic Forecasting Monitoring of the Ministry of Emergency Situations of the Republic of Uzbekistan; and the Centre for Emergency Situations and Disaster Risk Reduction, hereinafter referred to collectively as the "Parties" and individually as a "Party":

Guided by national strategies, programmes and plans on disaster risk reduction, climate change adaptation and sustainable development,

Taking into account the high seismic hazard of the territory of Central Asia and the need to further develop seismological monitoring systems; the importance of scientific and technical cooperation among the relevant organizations of the Central Asian States; the need to exchange experience, scientific developments and seismological data; and the goals and principles of the Sendai Framework for Disaster Risk Reduction 2015–2030 and the United Nations Sustainable Development Goals until 2030.

The Parties have expressed their intention as follows:

1. Purpose of the Memorandum

1.1. The purpose of this Memorandum is to develop long-term scientific, technical and practical cooperation between the Parties in the fields of seismology, seismic safety and earthquake monitoring.

1.2. Cooperation shall be based on the exchange of experience and information, the conduct of joint research, the advanced training of specialists, and the creation of conditions for more effective regional monitoring of seismic processes.

2. Main Areas of Cooperation

The Parties intend to develop cooperation in the following areas:

- exchange of seismological, geophysical and geodynamic data, within the limits permitted by the national legislation and internal rules of the Parties;
- development and improvement of seismological observation networks at the national and regional levels;
- improvement of methods for the processing, analysis and storage of seismological data;
- conduct of joint fundamental and applied research;
- exchange of scientific and technical developments;
- training and advanced training of specialists, including internships, etc.;
- organization of joint conferences, seminars, working meetings and training events;
- preparation of joint publications and information materials;
- development of modern digital technologies, including the use of artificial intelligence;
- preparation for the prompt exchange of information on seismic events that have occurred, in accordance with a unified format and protocol for information exchange.

3. Forms of Cooperation

Cooperation may be carried out in the following forms: exchange of data, information, scientific publications and methodological materials; conduct of joint research and preparation of scientific and technical materials; development and implementation of joint projects and programmes; organization of business trips, internships and exchanges of specialists; holding of joint conferences, seminars, trainings and working meetings;

participation in international, regional and national scientific programmes and projects; and other forms of cooperation agreed upon by the Parties.

4. Coordination of Cooperation

4.1. Coordination of interaction under this Memorandum shall be carried out by the Centre for Emergency Situations and Disaster Risk Reduction – the Secretariat of the Regional Forum – Meeting of Heads of Emergency Agencies of the Central Asian Countries.

4.2. The Centre shall facilitate the organization of joint events and the preparation of proposals for the further development of cooperation.

5. Status of the Memorandum

5.1. This Memorandum expresses the intention of the Parties to develop cooperation and is not an international treaty.

5.2. This Memorandum does not create legally binding rights or financial or other obligations for the Parties.

5.3. Each Party shall carry out cooperation in accordance with its national legislation and constituent documents, and within the limits of its available powers and resources.

6. Term and Final Provisions

This Memorandum shall enter into force on the date of its signature by all the Parties and shall remain valid for five years. The term of this Memorandum may be extended by mutual consent of the Parties. Each Party may terminate its participation in this Memorandum by sending written notice to the Centre for Emergency Situations and Disaster Risk Reduction. Termination of participation by one Party shall not affect cooperation among the other Parties.

Limited Liability Partnership "National Scientific Centre for Seismological Observations and Research" of the Ministry of Emergency Situations of the Republic of Kazakhstan

Institute of Seismology of the National Academy of Sciences of the Kyrgyz Republic

Institute of Geology, Earthquake-Resistant Construction and Seismology of the National Academy of Sciences of the Republic of Tajikistan

Institute of Seismology and Atmospheric Physics of the Academy of Sciences of Turkmenistan

Institute of Seismology named after G.A. Mavlyanov of the Academy of Sciences of the Republic of Uzbekistan

Republican Centre for Seismic Forecasting Monitoring, Ministry of Emergency Situations of the Republic of Uzbekistan

Central Asian Institute for Applied Earth Sciences

Centre for Emergency Situations and Disaster Risk Reduction