MEMORANDUM

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

Tashkent **October 19, 2026**

This Memorandum of Understanding in the field of seismic safety, seismological research, earthquake monitoring and the exchange of seismological data in the states of Central Asia (hereinafter – the "Memorandum") is concluded between: the Limited Liability Partnership "National Scientific Center of 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 Earth Research, 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 G.A. Mavlyanov Institute of Seismology of the Academy of Sciences of the Republic of Uzbekistan, the Republican Center for Seismoprognostic Monitoring of the Ministry of Emergency Situations of the Republic of Uzbekistan, and the Center for Emergency Situations and Disaster Risk Reduction, hereinafter referred to jointly as the "Parties," and each individually as a "Party":

Guided by national strategies, programs and plans in the field of disaster risk reduction, climate change adaptation and sustainable development,

Taking into consideration 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 between specialized organizations of the states of Central Asia, 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 UN 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 field of seismology, seismic safety and earthquake monitoring.

1.2. Cooperation based on the exchange of experience and information, the conduct of joint research, the enhancement of specialists' qualifications, 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 processing, analyzing and storing seismological data;
- conducting joint fundamental and applied research;
- exchange of scientific and technical developments;
- training and upgrading the qualifications of specialists, conducting internships, etc.;
- organization of joint conferences, seminars, working meetings and training events;
- preparation of joint publications and informational 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 information exchange protocol.

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 programs, organization of business trips, internships and exchange of specialists, holding of joint conferences, seminars, trainings and working meetings, participation in international, regional and national scientific programs and projects, and other forms of cooperation agreed upon by the Parties.

4. Coordination of Cooperation

4.1. Coordination of interaction within the framework of this Memorandum is carried out by the Center for Emergency Situations and Disaster Risk Reduction – the Secretariat of the Regional Forum – Meeting of Heads of Emergency Agencies of Central Asian Countries.

4.2. The Center will facilitate the organization of joint activities 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. The Memorandum does not create legal rights or binding financial or other obligations for the Parties.

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

6. Term and Final Provisions

This Memorandum enters into force from the date of its signing by all the Parties and remains in effect for five years. The term of the Memorandum may be extended by mutual consent of the Parties. Each Party has the right to terminate its participation in the Memorandum by sending written notice to the Center for Emergency Situations and Disaster Risk Reduction. The termination of participation by one of the Parties does not affect the cooperation of the remaining Parties.



Limited Liability Partnership "National Scientific Center of 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



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

Republican Center for Seismoprognostic Monitoring of the Ministry of Emergency Situations of the Republic of Uzbekistan

Central Asian Institute for Applied Earth Research

Center for Emergency Situations and Disaster Risk Reduction

