

## **MEMORANDUM OF UNDERSTANDING AND COOPERATION**

between

**LLP “Institute of Seismology” of the Ministry for Emergency Situations of the  
Republic of Kazakhstan,**

**LLP “Seismological Experimental and Methodological Expedition” of the Ministry for  
Emergency Situations of the Republic of Kazakhstan, and  
the Center for Emergency Situations and Disaster Risk Reduction**  
(hereinafter jointly referred to as the “**Parties**”)

Based on the decision adopted at the official meeting of **21 April 2022** between LLP “Institute of Seismology” of the MES of the Republic of Kazakhstan, LLP “SEME” of the MES of the Republic of Kazakhstan, and the Center for Emergency Situations and Disaster Risk Reduction regarding the conclusion of a trilateral memorandum,

### **the Parties:**

have decided to conclude this Memorandum of Understanding and Cooperation (*hereinafter referred to as the “Memorandum”*) with the purpose of promoting, facilitating, and strengthening international cooperation in the field of disaster risk reduction and emergency situations;

have authorized the following persons to sign this Memorandum:

- Daulet Sarsenbayev, Director of LLP “Institute of Seismology” of the Ministry for Emergency Situations of the Republic of Kazakhstan (*hereinafter referred to as the “Institute of Seismology”*);
- Beimbet Ashirov, Director of LLP “Seismological Experimental and Methodological Expedition” of the Ministry for Emergency Situations of the Republic of Kazakhstan (*hereinafter referred to as “SEME”*);
- Dzhergalbek Ukashev, Director of the Center for Emergency Situations and Disaster Risk Reduction (*hereinafter referred to as the “Center”*);

**have agreed as follows:**

## **Article 1**

The purpose of this Memorandum is to establish effective working relations between the Parties based on equality and mutual benefit, to strengthen the capacity of the Parties in the field of disaster risk reduction and emergency situations, and to ensure the practical implementation of joint activities of mutual interest.

The main objectives of this cooperation are to create favorable conditions for the exchange of professional 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 countries of Central Asia.

## **Article 2**

Taking into account and depending on the availability of funds and resources, the Parties, within the framework of the implementation of this Memorandum, have identified the following key areas of cooperation:

- a) consolidation of joint efforts to develop Kazakhstani seismology and promote scientific projects abroad in order to advance the commercialization of innovative activities;
- b) development of modern information and communication systems in the field of disaster risk reduction;
- c) development, improvement, and practical implementation of methodological and methodological materials, unified terminology, standardized formats, and systems for the reception, collection, processing, storage, protection, analysis, and mutual exchange of information;
- d) updating assessments of key risk factors for large-scale, transboundary disasters at the regional level and identifying potential socio-economic consequences in the event of their occurrence.

## **Article 3**

With the mutual consent of the Parties, third-party organizations and individuals may be involved in joint activities carried out under this Memorandum. New participants sharing the objectives of this Memorandum may also accede to it.

#### **Article 4**

The Parties consider this Memorandum to be a declaration of voluntary intentions and acknowledge that it does not entail any legal or financial obligations with respect to the implementation of joint activities.

The Parties proceed from the understanding that no actions undertaken within the framework of this Memorandum shall infringe upon the powers and rights of any of the Parties.

#### **Article 5**

Any amendments and/or modifications to this Memorandum shall require the written consent of the Parties and shall be appended to this document.

#### **Article 6**

This Memorandum is executed in three copies in the Russian language, one copy for each Party.

#### **Article 7**

This Memorandum shall enter into force on the date of its signing by all Parties and shall remain valid for a period of three (3) years. Upon expiration, it shall be automatically extended for an additional three-year period unless the Parties decide otherwise. This Memorandum may be amended or supplemented by mutual consent of the Parties. Each Party may withdraw from this Memorandum by providing written notice to all Parties no later than ninety (90) days prior to withdrawal.

If, at the time of termination of this Memorandum, work is being carried out under any program or project implemented pursuant to an additional memorandum forming an integral part of this Memorandum, all such work shall be completed regardless of the termination date. The Parties shall make every effort to ensure completion.

**Center for Emergency Situations and Disaster Risk Reduction**

\_\_\_\_\_ **D. Ukashev**

**Director**

05.05.2022

**LLP “Institute of Seismology” of the MES of the Republic of Kazakhstan**

\_\_\_\_\_ **D.Sarsenbayev**

**Director**

05.05.2022

**LLP “Seismological Experimental and Methodological Expedition” of the MES of the Republic of Kazakhstan**

\_\_\_\_\_ **B. Ashirov**

**Director**

05.05.2022