



**INSTITUTE OF GEOPHYSICS**  
OF THE CZECH ACADEMY OF SCIENCES



## **MEMORANDUM of UNDERSTANDING**

### **BETWEEN**

the Institute of Geophysics of the Czech Academy of Sciences (IG CAS),  
Boční II/1401, 141 00 Prague 4 – Spořilov, Czech Republic

### **AND**

the International Seismological Centre (ISC), Pipers Lane, Thatcham,  
Berkshire, RG19 4NS, United Kingdom

This memorandum of understanding (MoU) is made and entered into by and between the Institute of Geophysics of the Czech Academy of Sciences, further referred to as **IG CAS**, and the International Seismological Centre, further referred to as the **ISC**.

#### **A. IG CAS**

The Institute of Geophysics, follower of the State Institute for Geophysics established in 1920, has become since 1953 part of the Czechoslovak and since 1993 of the Czech Academy of Sciences. The institute is a public research institution, whose mission is to conduct fundamental and applied research in the Earth sciences; to disseminate the outcomes of this research to the national and international scientific community; to maintain a network of Earth observation facilities; and to engage in education at all levels together with informing the public on scientific issues of high societal significance.

#### **B. ISC**

The International Seismological Centre is a Charitable Incorporated Organization (CIO), registered with The Charity Commission for England and Wales (registered charity number: 1188971). It is a non-profit non-governmental international organization, founded in 1964 in the UK with the assistance of UNESCO. This status guarantees an uninterrupted collection of parametric seismic event data from the majority of permanent seismic networks worldwide. The primary mission is to collect and jointly reprocess seismic event data from thousands of seismic stations worldwide. It uses the reprocessed data to update and openly distribute the definitive list of the source parameters of earthquakes and other seismic events along with parameters of their recordings.

#### **C. PURPOSE OF THIS DOCUMENT**

The purpose of this MoU is to formally record the principles, joint expectations and responsibilities of the parties to the existing long-term collaboration.

## **D. TIME PERIOD**

This collaboration began in 1974 with the decision of the Czechoslovak Academy of Sciences to join the international partners in support of the ISC mission with data and funding (one membership unit). Since that time, the Institute of Geophysics in Prague was also reporting bulletins of earthquakes in Czechoslovakia and later in the Czech Republic as well as valuable observations of earthquakes worldwide. This collaboration will continue until further notice from either party or until such time as the need for the ISC operations comes to an end.

## **E. STATEMENT OF MUTUAL BENEFIT AND INTERESTS**

The ISC greatly benefits from the provision of bulletin data from the Czech Regional Seismic Network (CRSN) and relies financially on the membership subscription from the IG CAS as part of ~80 international partners in ~50 countries.

Researchers of the IG CAS and of nonprofit organizations (universities as well as other institutes of the CAS) in general, benefit from the availability of the ISC data for research in Earth sciences, scientific publications as well as applications in studies of seismic hazard and monitoring the Comprehensive nuclear Test Ban Treaty.

## **F. The ISC SHALL:**

- Continue with its mission of producing the definitive summary of worldwide seismicity and the associated products and services:
  - Bulletin of the ISC,
  - ISC-EHB dataset,
  - IASPEI Reference Event List (GT),
  - ISC Event Bibliography,
  - Registry of Seismograph Stations,
  - ISC Repository of Seismological Datasets,
  - ISC Electronic Archive of Printed Station/Network Bulletins,
  - International Seismological Contacts;
- The ISC will integrate the seismic event bulletins received from IG-CAS and process these data along with the data provided by other seismic monitoring agencies in neighbouring countries and worldwide;
- Maintain unique codes for stations of the Czech Regional Seismic Network (CRSN) in the International Registry of Seismograph Stations;
- Give preferential support to data and format queries from IG CAS researchers;
- Provide the IG CAS with:
  - an annual summary of IG CAS data contributions to the ISC and their value for maintaining the global definitive earthquake catalogue,
  - the biannual Summary of the ISC Bulletin,
  - newsletters and other information;
- Maintain the seat for the IG CAS formal Representative on the ISC Governing Council which decides on scientific, operational and budgetary policies of the ISC;
- Give credit to the IG CAS for its support of the ISC mission and operations via the ISC website and in scientific presentations and publications by the ISC staff.

**G. The IG CAS SHALL:**

- Continue with timely provision of the preliminary (within days after event occurrence) seismic bulletin to the ISC in a mutually agreed format;
- Continue with timely provision of the final reviewed (no later than 1 year from the event occurrence) seismic bulletin to the ISC in a mutually agreed format;
- Inform the ISC about the changes in positions of seismic stations;
- Collaborate and provide advice to the ISC on parameters of earthquakes of the early instrumental period, collection and storage of historical manuscripts, usage of parametric data for the research of inner structure of the Earth, determination of earthquake source and magnitudes in Central Europe and various other research topics;
- Send the IG CAS formal Representative (or proxy) to the biennial meetings of the ISC Governing Council which take place during either IUGG or IASPEI General Assemblies;
- Provide the annual membership fee of one unit as per ISC Constitution and in line with the decisions of the Governing Council to which the IG CAS is a party.

April 24, 2026

**Signed for and on behalf of the IG-CAS by**

28.04.2026  
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the IG-CAS Director, RNDr. Aleš Špičák CSc.

**Signed for and on behalf of the ISC by**

28.04.2026  
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Lamont-Doherty Earth Observatory, University of Columbia, USA

06.05.2026  
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