

AGREEMENT

Between National Survey of Seismic Protection under the Government of the Republic of Armenia (NSSP) and United States Geological Survey (USGS) on creation of IRIS global seismograph network observation station in Armenia

1. Purpose of the Agreement

The purpose of this Agreement is to deploy the equipment and to carry on joint works in Armenia in order to obtain information, which could be useful to both parties in earthquake research.

The information to be obtained and the investigations to be carried out will improve the capabilities for seismic hazard assessment and for earthquake prediction.

The both sides recognize that joint efforts will result in more efficient progress in the field of data exchange and practical data processing in the Armenia and USA.

1.1. Participants

The principal participants of this Agreement are the NSSP and the USGS. However, other organizations in Armenia and the United States may also participate in the realization of this Agreement.

1.2. Implementation

Each side will designate a manager for the joint USGS/NSSP Agreement in the field of seismology. These managers will jointly plan and coordinate the accomplishment of works. They will meet at least once a year to discuss the course of work and to plan activities for the next year.

2. Content of the Agreement

The Agreement includes:

Broadband Seismograph operation and maintenance, and processing and analysis of the obtained information.

3. Broadband Seismograph Maintenance and Operation, Processing and Analysis of the Obtained Information

3.1. Activities Purpose

Creation of the IRIS Global Seismograph Network observation station in Armenia.

3.2. Contents of Activities

- Broadband Seismograph operation and maintenance;
- processing and analysis of the obtained information.

3.3. Responsibilities of the Sides

The National Survey of Seismic Protection is responsible for:

- the operation and maintenance of the equipment provided by the USGS (this equipment is listed in appendix A);
- premises renting for IRIS equipment in the Garni Geophysical Observatory;
- providing stable electric power supply;
- providing vaults for sensors and dust free temperature-controlled environment for the recording equipment;
- appropriate scientific and technical personnel designated for station maintenance;
- giving an opportunity to the technical and scientific personnel, trained in the USA, to participate in the station operation;
 - providing appropriate conditions of life (water-supply, sewage system, heating) for the scientific and technical personnel;
 - providing transport and fuel for technical and scientific personnel transportation from Yerevan to Garni and back;
 - timely sending of data tapes to the Albuquerque Data Collection Centre in the USGS.

The United States Geological Survey is Responsible for:

- the NSSP access to the Global Seismograph Network (GSN) data;
- timely transmission to the NSSP of data processing and analysis results of IRIS Garni Station which are of interest to the NSSP;
- supplying spare parts for the equipment installed by the USGS;
- providing the repair or replacement of failed equipment and expendable items (magnetic tape, recording paper, diskettes etc.) necessary for the proper operation of the equipment.

4. The Period of Agreement Validity

The Agreement runs for 5 years from the date of signing by both sides. It can be prolonged and changed by mutual Agreement. Each side may break off this Agreement in six months after prior notification of the other side.

5. Financing of the Agreement

It is understood that:

- the US side will provide funds annually for the operation of the USGS equipment at Garni and the maintenance of the facility at Garni;

- the US side initially will provide funds for the normalization of the working environment at Garni;
- the NSSP is not obligated to carry out the provisions of this agreement until receipt of these funds.

Both sides are committing to fulfill this agreement in the spirit of scientific collaboration and friendship.

This agreement is signed in Yerevan on the eleventh of August 1992.

The Agreement has entered into force on August 11, 1992.