

Memorandum of Collaboration for the AlpArray Seismic Network

Version of 18.05.2015

This Memorandum, complementing to the one on AlpArray Scientific Program, focuses on access and usage of seismic data collected in frame of the **AlpArray Seismic Network**.

Organization

AlpArray member institutions contributing with full-time **operation** of **at least 10 broadband seismic stations** to the network and who have agreed to and signed the AlpArray Scientific Program Memorandum of Collaboration and this Memorandum form the **Core Group** for the AlpArray Seismic Network. This Core Group governs the collaboration within the AlpArray Seismic Network: field operations, data sharing and execution of research. The Core Group consists of the representatives of the member institutions (one per institution) and decides by **2/3 majority** about all questions. In particular, it decides on **additional members** from AlpArray member institutions to join the Core Group. The Core Group appoints a coordinator among their members.

Field operations and data management

Specifications of the “Technical strategy for the mobile seismological components of AlpArray” apply to all stations of the AlpArray Seismic Network. Institutions send their data to the EIDA system that allows access to the registered Core Group institutions.

Research

Each institution, through their responsible representative, provides a list of their intended research, in particular PhD theses and post-docs, together with the list of colleagues to work on the topic. The combined list of research topics is discussed and decided upon by the Core Group. It can be updated during the AlpArray Seismic Network following the above decision rule. No researcher is allowed to undertake research without informing his/her institution representative who must obtain approval from the Core Group.

Data sharing

For **registered seismological observatories with monitoring and alerting duties** there is immediate real-time access to the collected data. The thus collected data may be reported on as picks in their catalogues. Waveforms may not be published. Additional research beyond routine duties needs to be a priori approved by the Core Group as any other research (see above).

Within AlpArray Seismic Network the collected data is available with password protection to **registered members** of institutions part of the Core Group to carry out research along the approved topics.

At latest one year after operation of the AlpArray Seismic Network has ended (by decision of the Core Group) the waveform data will be freely shared among the entire AlpArray Working Group.

Three years after operation of the AlpArray Seismic Network has ended (by decision of the Core Group) the waveform data will be freely available to the public.

Authorship

Publications will include as authors the **active participants** (those who contributed substantially to the research) followed by “and the AlpArray Working Group” (see list on website). The **AlpArray Seismic Network Team** (full list maintained by the Core Group) will be fully listed in the acknowledgements of each publication.

Signatures

Institution

Representative

Date, Place, Signature