

Commission on Seismological Observation and Interpretation
Provisional Brief Report
(July 2007 – December 2008)

WG on Magnitudes (*Dewey*)

Following the approval of the IASPEI Standard Procedures on Magnitude Determination, the working group continued

1. advertising and pressing for adoption of these procedures by international and national data centres, including the ISC, NEIC, Global CMT etc;
2. publishing papers describing results of implementation by various networks.

WG on Reference Events for Improved Locations (*Richards & Engdahl*)

1. re-designed its web-site, hosted by the ISC, allowing comprehensive submission of new events and distribution of the current reference event list
3. reference list has been enlarged using new techniques of location accuracy assessment as well as new datasets identified in critical regions.

TG on Scattering and Heterogeneity (*Sato*)

The book “Earth Heterogeneity and Scattering Effects on Seismic Waves” has been published. A special focus is put on small-scale heterogeneities that cause seismic wave scattering at short periods.

WG on Historical Seismology (*Albini & Ishibashi*)

The working group continued towards its goals

1. to inventory the published and unpublished material containing historical earthquake data, supplemented by an annotated bibliographical list;
2. to collect and preserve as many inventoried items as possible (hard copy and digital);
3. to disseminate the material through a dedicated web-site.

WG on Seismic Network and Station Codes (*Buland*)

A draft proposal for the above system has been discussed with relevant data centres and FDSN. This proposal is now ready for final discussion and approval.

WG on Triggered and Induced Seismicity (*Lasocki & Kwiatek*)

1. The contact list of scientists interested in the field has been compiled.
2. Dedicated website launched: relevant current info, downloadable papers and electronic materials, conference proceedings, newsletter, links, list of coming events.

WG on NMSOP-2 (*Bormann*)

The group continued its work on updating the new manual on seismological observatory practice with a special effort to make it accessible to community through a designated web-site. A list of necessary updates and committed authors has been identified and update work is under way.

WG on Authoritative Locations (*Bossu*)

This group continued exploring various criteria that can be used without bias in order to identify a network that is capable of producing a sufficiently accurate hypocenter solution for a given seismic event.

Dmitry Storchak,
CoSOI Chair