



Terms of Reference for the IAEE/COSMOS International Strong Motion Committee

With the understanding that:

The fundamental goal of the International Association for Earthquake Engineering (IAEE) is to help improve worldwide seismic safety.

and:

The fundamental goal of the Consortium of Organizations for Strong Motion Observation Systems (COSMOS) is to be a focal point of international leadership, interaction, and cooperation for the acquisition, processing, dissemination, and application of the earthquake strong-motion data.

thus:

An IAEE/COSMOS International Strong Motion Committee shall be formed.

The objectives of the IAEE/COSMOS International Strong Motion Committee are to:

1. Bring together worldwide strong motion network operators to increase data awareness, discuss common issues, and learn from each other.
2. Increase cooperation on data dissemination through new data portals and tools being developed worldwide and through the COSMOS Virtual Data Center search engine.
3. Bring together international strong motion network data providers and data users to collaborate on the development of standards and tools for collection and use of strong motion data.
4. Facilitate the exchange of information on the availability and use of strong motion data by practicing design engineers (e.g. COMOS Annual Technical Sessions).

Composition of the Council

The IAEE/COSMOS International Strong Motion Committee should be comprised of a combination of representatives from strong-motion network providers and strong-motion data users from both research and the practicing earthquake engineering community. A chairperson, co-chair, and secretary of the working group will be selected by the committee membership. Initially the membership will be comprised of the participants of the COSMOS strong motion forum that took place at the 15WCEE in Lisbon, Portugal that indicated they would like to serve.

Expected Time Commitment of the Working Group Members

The committee will conduct its business primarily through electronic communication and conference calls in between face-to-face meetings that take place every four years at the World Conference on Earthquake Engineering. Minutes of these meetings will be recorded and disseminated to the COSMOS and IAEE secretary. It is anticipated that sub-groups of the committee membership will meet face-to-face more often informally through national and international conferences, to conduct the work of the committee.