Statement of

The International Association of Earthquake Engineering and Seismology (IAEE) and

The Int. Association of Seismology and Physics of the Earth's Interior (IASPEI)
At the Plenary of UN-ISDR First Global Platform for Disaster reduction
Professor Mohsen Ghafory-Ashtiany

To answer the increasing demand for providing simple, doable and socio-economically and culturally acceptable solution as well as proving required technical know-how for effective and implementable risk reduction of the developing countries, IAEE and IASPEI have formed The International Alliance of Seismology and Earthquake Engineering Professional Associations namely in 2005. The Alliance objective is to determine what specific types of activities the world's seismology and earthquake engineering professional societies could jointly undertake to better influence public policy and advocate seismic safety, internationally, in order to reduce earthquake losses.

Some of the related activities are:

- 1. Developing scientifically sound "International Norm or Standard for Seismic Risk Reductions Programs"
- 2. Development of human resources and capacity building through organizing regional workshops, addressed at stimulating regional collaboration in activities related to creating local technical capacity and establishing programs for the assessment and reduction of seismic risk in those communities and regions.
- 3. Creation of a new entity, with the mission of maintaining a web-site, including information about structural systems used in the construction of dwelling units around the world, as well as possible manners to reduce their vulnerability under seismic excitations. Among other functions, this site would serve to disseminate and update knowledge included in the World Housing Encyclopedia.
- 4. Catalogue of simple retrofitting techniques. It would contain a description of these techniques, as developed in different parts of the world, together with the technical information supporting them (proposed design criteria, results of laboratory testing and mathematical models). Their acceptance for incorporation into the web-site would be subjected to a pair review, similar to that applied for publication of
- 5. Ditsidesination of calformatils through development of "Monograph for School Children" and updating "Guidelines for Non-Engineered Construction":

Finally on the behalf of the two largest scientific community worldwide, we are prepared to offer our know-how toward the ISDR mission and we expect ISDR also makes maximum benefit from this offer of cooperation.