



IASPEI Resolutions

2009 Scientific Assembly, Cape Town, South Africa

Resolution 1: Global Earthquake Model

IASPEI

RECOGNIZING the continuing growth of earthquake vulnerability and risk, associated in particular with the development of megacities and urban areas in developing countries, and

the important value of the information and knowledge assembled by the seismological community for the assessment of seismic hazard, the need to apply the seismological knowledge in programs aiming at a comprehensive and effective assessment, and mitigation of the seismic risk,

SUPPORTS the establishment of the Global Earthquake Model (GEM) – the program initiated by the OECD to develop a new open standard for the assessment of seismic hazard and risk at regional and global scales,

COMMITTS to cooperate actively with GEM, and

ENCOURAGES all IASPEI members to actively participate in the GEM program and related activities.

Resolution 2: Reference Events for Improved Location

IASPEI

RECOGNIZING that the International Seismological Centre (ISC) has recently established a website database of reference earthquakes and explosions for which hypocenter information is known with high confidence and which is associated with seismic signals recorded at regional and / or teleseismic distances, and

ACKNOWLEDGING that the ISC website also includes a capability to submit reference event information,

ENCOURAGES the scientific community to submit to ISC reference event information using guidelines that have been developed by IASPEI for identifying candidate events.

Resolution 3: International Registry of Seismic Stations

IASPEI

RECOGNIZING that the International Registry of Seismic Stations no longer meets the needs of the seismological community,

RECOMMENDS adoption of newly developed seismic network and station coding standards developed by IASPEI to promote compatibility between waveform and parameter data exchange, attribution of parameter data, and flexibility for seismic network operators to better support earthquake monitoring and hazard assessments.

Resolution 4: Earthquake Forecasting and Predictability Studies

IASPEI

RECOGNIZING the opportunities provided by recent developments in earthquake science and technology

RECOMMENDS that research on forecasting and predictability of earthquakes, and the validation and comparative testing of prediction methods be supported.

Resolution 5: Real-time data access

IASPEI

RECOGNIZING the barriers to progress caused by restrictive seismic data release policies in force in parts of the world, and

RECOGNIZING the scientific and societal benefits of rapid data access for the purpose of monitoring, notification and response to damaging earthquake and tsunami events,

RECOMMENDS the adoption of an open real-time data release policy by all national and international seismic networks.

Resolution 6: Appreciation

IASPEI

RECOGNIZING the enormous effort required to organize the General Assembly,

THANKS and CONGRATULATES the Local Organizing Committee and its Chair Dr Gerhard Graham and Coordinator Michelle Grobbelaar for a successful, enjoyable and memorable meeting in Cape Town, South Africa.