



Agenda for the 6-8 June 2012 GEM Semi-Annual Meeting

*Hosted by Taiwan Earthquake Model (TEM) at Academia Sinica
No. 128 Sec. 2, Academia Road, Taipei, Taiwan*

6 June: Field excursion to the magnificent 921 (Chi-Chi) Earthquake Museum
Evening dinner reception at the Café Academia terrace at Academia Sinica

7 June: 2nd Conference room, H.S.S. Building of Academia Sinica

Welcome, Introduction, and Meeting Goals

8:30 – 8:45 Kuo Fong Ma (for TEM) and Ross Stein (for GEM)

The GEM Outstanding Contribution Award

8:45 – 8:50 Bestowal of the Award to Kishor Jaiswal by GEM Secretary General, Rui Pinho

8:55 – 9:20 Presentation by Kishor Jaiswal on his work and on his aspirations for GEM

Update and highlights of the OpenQuake engine

9:20 – 9:40 Achievements of OpenQuake Hazards (Marco Pagani)

9:45 – 10:05 Achievements of OpenQuake Physical Risk (Helen Crowley)

10:10 – 10:30 Plans for the OpenQuake Platform (Rui Pinho)

10:30 – 11:00 *Coffee Break*

Global Components Hazard reviews (Marco Pagani, chair)

11:00 – 11:20 Global Seismic Instrumental Catalogue (Ross Stein for Dmitry Storchak, PI)

11:25 – 11:50 Global Active Faults and Seismic Sources (Kelvin Berryman, PI)

11:55 – 12:20 Global Geodetic Strain Model (Zheng-Kang Shen, co-PI)

12:25 – 12:55 Other Global Components (Historical quakes and Ground Motion Prediction Equations), and their integration in hazard modeling (Marco Pagani)

13:00 – 14:15 *Lunch*

GEM-related Regional Programs

14:15 – 14:35 Taiwan Earthquake Model (Kuo Fong), with highlights of the TEM-NIED workshop (Ken Hao or Hiroyuki Fujiwara)

14:40 – 15:00 AUSAID/Geoscience Australia's Southeast Asia programs coordinated with GEM (Nick Horspool)

15:05 – 15:35 EOS/NTU research and discoveries for GEM in India, Indonesia, and Myanmar (Paul Tapponnier)

15:35 – 16:05 *Coffee Break*

TEM hazard outreach efforts in Southeast Asia countries (Kuo Fong Ma, Chair)

16:05 – 16:30 GPS observations and potential earthquake rupture sources in northern Luzon, Philippines (Ya-Ju Hsu)

16:35 – 16:50 Seismic network development for Southeast Asia (Bor-Shouh Huang)

16:55 – 17:10 Site Effect Measurement in Hanoi, Vietnam (Kuo-Liang Wen)

State of the art in Asian and South Asian seismic hazard research

17:15 – 17:30 Indonesia (Danny Hilman Natawidjaya)

17:35 – 17:50 Vietnam (Phuong Hong Nguyen)

17:55 – 18:10 Korea (Myung-Soon Jun)

18:15 – 18:30 Philippines (Ishmael Narag)

18:35 – 19:05 India – Hospitals and schools (Hari Kumar)
Disaster Preparedness (Anup Karanth)

Banquet at the Grand Hotel Taipei (via bus)

8 June: 2nd Conference room, H.S.S. Building of Academia Sinica

Global Components physical risk reviews (Helen Crowley, chair)

8:30 – 9:00 Overview of Physical Risk Global Components (Helen Crowley)

9:05 – 9:25 Inventory Data Capture Tools – lessons learned from Indonesia exposure model development (Ron Eguchi)

9:30 – 9:50 Testing the Vulnerability Guidelines using Australian data (Mark Edwards/Syed Tariq Maqsood)

9:55 – 10:10 The Canterbury Earthquake Sequence - need to revisit damage-downtime impact predictions and expectations. (Stefano Pampanin)

10:15–10:30 Seismic risk assessment in Bangladesh and Thailand (Teraphan Ornthammarath)

10:30 – 11:00 *Coffee Break*

Social Vulnerability, Resilience, and GEM's beneficiaries (Christopher Burton, Chair)

11:00 – 11:25 Hard lessons for hazard, risk and socio-economic impacts of the Canterbury earthquakes (Kelvin Berryman, Science Advisor to the NZ Government)

11:30 – 11:45 Social Vulnerability & Resilience project (Christopher Burton & Bijan Khazai)

11:50 – 12:05 Highlights of GEM Beneficiaries Needs study by GHI (Christopher Burton for PI's Lori Peek and Justin Moresco)

12:10-12:30 **Taking stock: GEM's achievements, opportunities, challenges** (Ross Stein)

12:30 – 2:00 *Farewell Lunch at the Chinese Restaurant at the Academia Activity Center*