### Seismology Forum 2017: Natural Hazards and Surface Processes

**Venue:** 2F Colloquium room, the IES building, Academia Sinica  
**Time:** 09:30-16:00 Friday, March 17, 2017

<table>
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<th>Time</th>
<th>Speaker &amp; Title</th>
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| 09:30–10:00| **Prof. Victor Tsai (Caltech)**  
Quantifying natural hazards: from earthquake damage to debris flows |
| 10:00–10:20| **Dr. Ya-Ju Hsu (IES)**  
Preliminary results from landslide monitoring system at the Lantai site |
| 10:20–10:40| **Dr. Chia-Han Tseng (IES)**  
Monitoring a dip-slope at Huafan University in northern Taiwan: previous and recent findings |
| 10:40–11:10| **Prof. Chyi-Tyi Lee (NCU)**  
Statistical seismic landslide hazard analysis: an example from Taiwan |
| 11:10–11:30| **Prof. Wei-An Chao (NCTU)**  
Near-real-time seismology-based landslide monitoring system |
| 11:50–12:10| **Prof. Wei-An Chao (NCTU)**  
Dynamic triggering of a phreatic eruption at Tatun Volcano Group |
| 12:10–13:10| **Lunch**                                                                 |
| 13:10–13:50| **Poster session**                                                             |
| 13:50–14:10| **Dr. Chun-Te Chen (IES)**  
Numerical modeling of 3D seismic wave propagation in the Southwestern plain of Taiwan |
| 14:10–14:30| **Prof. Kate Huihsuan Chen (NTNU)**  
Controls of repeating earthquakes' location: what we learned from a- and b-value imaging |
| 14:30–15:20| **Prof. Hiroo Kanamori (Caltech)**  
The 1910 deep Taiwan earthquake and its implication for ground-motion hazard in Taipei |
| 15:20–16:00| **Close up discussion**                                                        |