

NU-NCKU-IES Joint Workshop on Crustal Dynamics

Date: Friday, December 3, 2010
Venue: Seminar Room E411 (Science Building E)
Research Center for Seismology, Volcanology, and Disaster Mitigation
Graduate School of Environmental Studies
Nagoya University

Program

- 9:20-9:45 Tectonic loading of active faults in central Japan inferred from GPS observations
Takeshi Sagiya (Nagoya University)
- 9:45-10:10 Slow slip events in Taiwan from 1995-2010 continuous GPS observations
Huang-Kai Hung and Ruey-Juin Rau (National Cheng Kung University)
- 10:10-10:35 Roles of tectonics stress and pore fluid pressure in earthquake generation
Toshiko Terakawa (Nagoya University)
- 10:35-10:45 Break
- 10:45-11:10 Vertical deformation of Taiwan from precise leveling measurements
Ruey-Juin Rau (National Cheng Kung University), Kuo-En Ching (Institute of Earth Sciences, Academia Sinica), Chia-shun Yang (National Cheng Kung University)
- 11:10-11:35 Creeping deformation along the Longitudinal Valley fault at Yuli area, eastern Taiwan, estimated by precise leveling survey and aerial photographic survey
Nobuhisa Matta (Nagoya University)
- 11:35-12:00 Frictional properties of the Chihshang fault, eastern Taiwan, inferred from postseismic slip following the 2003 Mw6.8 Chengking earthquake
Kuo-En Ching (Institute of Earth Sciences, Academia Sinica), Kaj Johnson (Indiana University), Ruey-Juin Rau (National Cheng Kun University), and Jian-Cheng Lee (Institute of Earth Sciences, Academia Sinica)