

Chile-ERI Workshop for Earth Sciences

Place: Seminar room, 2nd floor, 1st bldg., ERI

Oct. 8 (Wed.)

10:00-10:10 Takahiro Koyaguchi (ERI)

Opening remarks and General introduction of ERI

10:10-10:30 Sergio Barrientos (National Seismological Center, University of Chile)

"Recent Advances in the Seismological Observation System in Chile"

10:30-10:50 Rodrigo Sánchez (National Seismological Center, University of Chile),

"Seismological Data Communication, Acquisition, Processing and Distribution System in Chile"

10:50-11:05 Masanao Shinohara (ERI)

"Development of seafloor geophysical observation systems at Earthquake Research Institute"

11:05-11:25 Gabriel Vargas (Dept. of Geology, University of Chile)

"On the Potential for Mega-earthquakes in Subduction Margins; a Comparison between Chile and Japan from the Paleoseismological Record"

11:25-11:40 Kazushige Obara (ERI)

"Variety of slow earthquakes in SW Japan, Chile and other subduction zones along the Pacific Rim"

11:40-12:00 Mauricio Fuentes (Dept. of Geophysics, University of Chile)

"Probabilistic Generation of Tsunami Scenarios: Tests in Northern Chile"

12:00-14:30 Lunch and Lab tour

14:30-14:45 Yosuke Aoki (ERI)

"Ground deformation associated with the eruption of Lumpur Sidoarjo mud volcano, east Java, Indonesia"

14:45-15:05 Francisco Ortega (Dept. of Geophysics, University of Chile)

"Imaging the Seismic Cycle in North-East Japan from GEONET cGPS Network Observations"

15:05-15:20 Takashi Iidaka (ERI)

"Stress field in the subduction zones - Comparison between NE Japan and Chile -"

15:20-15:40 Rainer Schmitz (Dept. of Geophysics, University of Chile)

"From Air Pollution to Climate Change: Atmospheric Challenges in Chile"

15:40-16:00 Coffee break

16:00-16:15 Hiroshi Tsuruoka (ERI)

"Automated moment tensor inversion system in ERI"

16:15-16:35 Christian Ledezma (Department of Structural and Geotechnical Engineering,
Pontifical Catholic University of Chile)

"National Research Center for Integrated Natural Disaster Management (CIGIDEN) –
Advances and Challenges"

16:35-16:45 Closing