

2015 International Workshop on Earthquake and Volcanic Hazards and Risks in Asia-Pacific Region

Program

March 16 (Mon)	Venue: Tokyo Electoron Hall Miyagi (Room 602)	
9:40-9:50	Welcome Address	<u>Eikichi Tsukuba (GSJ, AIST)</u>
Session 1	International Activities for Disater Mitigation	
Chair:	Yasuto Kuwahara and Naoji Koizumi	
9:50-10:05	International Geoscience Programme and Global Geoparks: Looking Towards The Future	<u>Patrick McKeever (UNESCO)</u>
10:05-10:15	Community-based Geo-hazard Mitigation in CCOP countries	<u>Adichat Surinkum (CCOP)</u>
10:15-10:30	Mitigation of Earthquake and Related Hazards for Risk Reduction in Indonesia: Challenging from Research to Policy	<u>Iskandar Zulkarnain (LIPI)</u> , Danny Hilman Natawidjaja and Adrin Tohari
10:30-10:55	Building community resilience to natural hazards in Wellington, New Zealand: linking global programmes to local action	<u>David Johnston (JCDR, GNS Science)</u> , Emma E. H. Doyle, Bruce Pepperell, Dan Neely and Julia Becker
10:55-11:20	Recent volcanic and earthquake hazard and risk activities at GNS Science, New Zealand, and the Cities and Volcanoes Commission of IAVCEI	<u>Graham Leonard (JCDR, GNS Science)</u>
11:20-11:30	Coffee Break	
Chair:	Yasuto Kuwahara and Naoji Koizumi	
11:30-11:55	Disaster Loss Data for Risk Assessment and Achieving Post- 2015 Targets for Disaster Risk Reduction	<u>Kuniyoshi Takeuchi (ICHARM, PWRI)</u>
11:55-12:20	The Global Earthquake Model: A new approach to calculate, understand, manage, and reduce seismic risk worldwide	<u>Ross Stein (GEM)</u> , Ken XS Hao and Marco Pagani
12:20-12:45	The OpenQuake-engine hazard component: current status and new experimental features	<u>Marco Pagani (GEM)</u> , Graeme Weatherill, Julio Garcia, Yen-Shin Chen, Fabrice Cotton, Ken Hao and Hiroyuki Fujiwara
12:45-13:30	Lunch & Poster Session Core Time	
Session 2	Earthquake and Volcanic Hazards and risk in Asia	
Chair:	Yuzo Ishikawa and Shinji Takarada	
13:30-13:55	G-EVER Consortium activities: towards earthquake and volcanic hazards risk mitigation in Asia-Pacific region	<u>Shinji Takarada (GSJ, AIST)</u> , Joel Bandibas, Yuzo Ishikawa and G-EVER Promotion Team
13:55-14:20	Earthquake and volcanic hazards and risk assessment efforts in the Philippines	<u>Renato Solidum (PHIVOLCS)</u>
14:20-14:45	The important of earthquake and volcano hazard mappings in disaster risk reduction and its implementation to spetial planning	<u>Supriyati Andreastuti (CVGHM)</u> and Sri Hidayati
14:45-15:10	Recent development of WOVOdat - The global volcano unrest database - as a resource to improve eruption forecasts	<u>Christina Widiwijayanti (EOS)</u> , Fidel Costa, Thin Zar Win Nang, Karine Tan, Chris Newhall, and Antonius Ratdompurbo

15:10-15:35	Scientific products for the multi-scale seismic hazard and risk assessment in China: present status and future prospects	<u>Zhongliang Wu (CEA)</u> , and the Group for the 13th Five-Year Plan (2016~2020) for Earthquake Monitoring and Forecast of the CEA
15:35-16:15	Poster Session Core Time & Coffee Break	
Chair:	Yuzo Ishikawa and Shinji Takarada	
16:15-16:40	Seismological Evidence of Plumping System beneath the Tatun Volcano Group, Northern Taiwan	<u>Cheng-Horng Lin (TVO, Academia Sinica)</u>
16:40-17:05	Updated Probabilistic Seismic Hazard Maps of Vietnam	<u>Nguyen Hong Phuong (VAST)</u> and Pham The Truyen
17:05-17:30	How can the world learn the lesson from Tohoku Earthquake? : Epistemic uncertainty aspects	<u>Ken Xiansheng Hao (NIED)</u> and Hiroyuki Fujiwara
17:30-17:55	International collaboration for mitigation of volcano hazard in Asia	<u>Masato Iguchi (SVRC, DPRI, Kyoto Univ.)</u>
Chair:	David Johnston, Ross Stein and Shinji Takarada	
17:55-18:35	General Discussion	
18:35-18:45	Closing Remarks	<u>Yasuto Kuwahara (GSJ, AIST)</u>

Poster Session Large-scale Earthquakes and Volcanic Eruption

[Core Time: 12:45-13:30, 15:35-16:15]

P1	The Development of Tsunami Trace Database on the Coast of Japan	Fumihiko Imamura, <u>Kentarō Imai (Tohoku Univ.)</u> , Yayoi Haga and Masami Sato
P2	Try to draw the volcanic eruptions and earthquake activity in the same figure : part 1 in and around Japan	<u>Yuzo Ishikawa (GSJ, AIST)</u>
P3	Caldera forming eruptions and their characteristics of preceding activities during the last 1000 years in Sunda Arc, Indonesia	<u>Ryuta Furukawa (GSJ, AIST)</u> , Akira Takada and Oktory Prambada
P4	Observation of groundwater and crustal deformation for forecasting the Tokai, Tonankai and Nankai earthquakes in Japan	<u>Naoji Koizumi (GSJ, AIST)</u> and Norio Matsumoto
P5	Variability of slips at point on fault in each of successive surface-rupturing earthquakes: examples from paleoseismology of surface ruptures in recent inland earthquakes in Japan	<u>Tadashi Maruyama (GSJ, AIST)</u>
P6	Data collection for estimation of surface deformation by faulting	<u>Masayuki Yoshimi (GSJ, AIST)</u> , Hidetaka Saomoto, Haruo Horikawa and Shintaro Abe
P7	G-EVER Asia-Pacific Region Earthquake and Volcanic Hazard Information System and the CCOP Geoinformation Sharing Infrastructure for East and Southeast Asia	<u>Joel Bandibas (GSJ, AIST)</u> and Shinji Takarada
P8	Analog experiments for outreach program to understand fundamental processes of volcanic hazard	<u>Akira Takada (GSJ, AIST)</u> , Ryuta Furukawa, Teruki Oikawa, Seiko Yamasaki, Shinji Takarada and Shogo Komori
P9	International activity of Geological Survey of Japan, AIST	<u>Toshihiro Uchida (GSJ, AIST)</u> and Junko Hara