
Oral | Symbol H (Human Geosciences) | H-SC Social Earth Sciences & Civil/Urban System Sciences

[H-SC25_30AM1] Human environment and disaster risk

Convener: *Tatsuto Aoki (School of Regional Development Studies, Kanazawa University), Yasuhiro Suzuki (Nagoya University), Mamoru Koarai (Geographic Information Analysis Research Division, Geography and Crustal Dynamics Research Center, Geographical Survey Institute), Toshihiko Sugai (Department of Natural Environmental Studies, Institute of Environmental Studies, Graduate School of Frontier Science, The University of Tokyo), Hiroshi Une (Geospacial Information Authority of Japan), Yoichi Nakamura (Department of Earth Sciences, Utsunomiya University), Jun Matsumoto (Department of Geography, Tokyo Metropolitan University), Shintaro Goto (Department of Environmental Systems Faculty of GEO-Environmental Science Ritssho University), Keitarou Hara (Faculty of Informatics, Tokyo University of Information Sciences), Chair: Tatsuto Aoki (School of Regional Development Studies, Kanazawa University)

Wed. Apr 30, 2014 9:00 AM - 10:45 AM 421 (4F)

This session discusses disaster risks being inherent in the natural and human environment, which sometimes happen to appear at a disaster, from the viewpoint of not only natural sciences but also social and human sciences. Examples of discussion subjects are as follows: uncertainty of forecasting disaster and problems of huge disaster with low frequency that raised from the 2011 Tohoku earthquake, the methodology for improving hazard maps, national recovery plans considering probable changes or sustainability of the society, international cooperation for disaster mitigation, problems of active faults or liquefaction, adjusting disaster mitigation plan to the regional characteristics, technical development for supporting disaster prevention, education for the disaster mitigation.

10:15 AM - 10:30 AM

[HSC25-P04_PG] Map Drilling of Disaster Prevention by Voluntary Group - An Example at Nasu Volcanic Area

3-min talk in an oral session

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Keywords: Disaster Prevention, Map Drilling, Volcanic Disaster, Active Volcano, Eruption, Voluntary Group

A map drilling of volcanic disaster prevention by voluntary groups: An Example at Nasu volcanic area was held in the area of Nasu active volcano. This evacuation drilling at Nasu municipal government for voluntary groups of town people was supported by National Association for Disaster Prevention, Promotion Council of District Continuity Management, and Disaster Prevention Qualified Counselor in Tochigi. This project was managed financially to perform for last two fiscal years between 2012 and 2013. As a result, present drilling was very effective, especially for community people living near active Nasu volcano, in order to learn evacuation managements at the future volcanic emergency.