Oral | Symbol H (Human Geosciences) | H-DS Disaster geosciences

[H-DS29_28AM1]Geohazards in humid, tectonically active countries and their precursors

Convener:*Masahiro Chigira(Disaster Prevention Research Institute, Kyoto University), Satoru Kojima(Department of Civil Engineering, Gifu University), Hiroshi YAGI(Faculty of Art, Science and Education, Yamagata University), Taro Uchida(National Institute for Land and Infrastructure Management), Chair:Ryoko Nishii(University of Tsukuba), Shintaro Yamasaki(Kitami Institute of Technology)

Mon. Apr 28, 2014 10:00 AM - 10:45 AM 415 (4F)

This session covers mass movements of landslide, slope failure, debris flow, and gravitational slope deformation in tectonically active, humid countries, and aims to discuss on their mechanisms, characteristics of occurrence sites, the significance in geological time scale, and the methodology to mitigate their affects by researchers with various related research fields.

10:00 AM - 10:15 AM

[HDS29-P12_PG]Definition of the database fields for landslide hazard database by NIED

3-min talk in an oral session

*Shoichiro UCHIYAMA[1], Ryuji YAMADA[1], Haruna ISHIKAWA[2], Hinako SUZUKI[1], Yuichiro USUDA[1] (1.National Research Institute for Earth Science and Disaster Prevention (NIED), 2.Advantechnololy Corporation)

Keywords:landslide hazard database, database field, definition of fields

The history of natural hazard at a certain place is greatly related to the current risk there. It provides indispensable information to the hazard and the risk assessment. The Research Institute for Earth Science and Disaster Prevention (NIED) is building a comprehensive database of natural hazard events over the historical period in Japan, and distributing these information with Web API. Such a hazard event database is, however, no more than an index with a limited amount of information about the reality. Therefore, especially for the large natural hazards that had big social impacts, it is important to provide specific databases classified with types of hazards such as earthquake, volcano, storm, flood, slope, snow and ice disasters. We discuss about the database for slope disasters in particular here.