
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-P10_PG]Interpretation of landslides triggered by 1944 Tonankai earthquake around Owase City using U.S. military aerial photos

3-min talk in an oral session

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Keywords:landslide, slope failure, Tonankai, earthquake, U.S. military, reconnaissance

Shallow landslides were interpreted around Owase City, Mie Prefecture using U.S. military aerial photographs (1/16,000 in scale) taken on 7 December 1944, just three days after Tonankai earthquake (M7.9). It is thought that some of landslides were triggered by the earthquake. Result of the interpretation will be reported.