

[H-TT08]Geoscientific applications of high-definition topography and geophysical measurements

Convener:*Yuichi S. Hayakawa(Center for Spatial Information Science, The University of Tokyo), Hiroshi, P. Sato(College of Humanities and Sciences, Nihon University), Shoichiro Uchiyama(National Research Institute for Earth Science and Disaster Prevention), Shigekazu Kusumoto(Graduate School of Science and Engineering for Research, University of Toyama), Thad Wasklewicz(East Carolina University), Daniele Giordan(National Research Council, Rome), Hiroyuki Obanawa(Center for Environmental Remote Sensing, Chiba University), Chair:Hiroshi, P. Sato(College of Humanities and Sciences, Nihon University), Hiroyuki Obanawa(Center for Environmental Remote Sensing, Chiba University)

Sun. May 22, 2016 9:00 AM - 10:30 AM 202 (2F)

High-definition, or high-resolution measurements of earth surface topography and geophysical properties has often been performed for better understandings of its processes and dynamics. Here in this session, we accept various discussions on high-definition topographic and geophysical data, including its theory, acquisition, processing, modeling, analysis. The approaches may include applications of, but not limited to, laser scanning, SfM-MVS photogrammetry, GNSS positioning, SAR interferometry, multi-beam sonar, geomagnetics and electromagnetics sensors, based on terrestrial (fixed or mobile) and aerial (UAV or manned airborne) platforms.

9:00 AM - 9:05 AM

[Introduction]Introduction