
[JJ] Evening Poster | S (Solid Earth Sciences) | S-VC Volcanology

[S-VC40]Mitigation of Volcanic disaster - Basic and applied research

convener:Mitsuhiro Yoshimoto(Mount Fuji Research Institute, Yamanashi Prefectural Government), Shinji Takarada(Geological Survey of Japan, National Institute of Advanced Industrial Science and Technology), Yasuhiro Ishimine(鹿児島大学地域防災教育研究センター, 共同), Tomohiro Kubo(National Research Institute for Earth Science and Disaster Prevention)

Thu. May 24, 2018 5:15 PM - 6:30 PM Poster Hall (International Exhibition Hall7, Makuhari Messe)

Volcanic disaster is caused by wide range of volcanic phenomena including ash fall, lava flow, pyroclastic flow, debris flow, mud flow and etc. To mitigate volcanic disaster, wide range of technologies such as simulation technology, data processing on GIS, communication technique are required. This session invites talks and broad reviews related to these topics. Talks on database technology, case example of social and school educations, and specific examples of eruption crisis are also encouraged.

[SVC40-P05]Questionnaire Survey on the Activities of Volcano Experts in Volcanic Disaster Councils

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Keywords:Volcanic Disaster Councils, Act on Special Measures Concerning Active Volcanoes, Volcano Experts, Questionnaire Survey

We will present a preliminary result of a questionnaire survey that we have conducted in 2017 targeting 77 experts of volcanology to investigate their activities in volcanic disaster councils organized by local governments around 48 active volcanoes. This survey was conducted as a mission of the Commission on Mitigation of Volcanic Disasters of The Volcanological Society of Japan. We sent the questionnaire to the experts via e-mail and 73 experts replied so far (response rate: 95%). The specialties of many of the experts are geophysics, geology, and sabo (erosion control) engineering, and 46% of the experts are sixty years old or older. More than a third of the experts are involved in more than three councils. They advise not only on the preparedness before volcanic eruptions, which is prescribed in the Revised Act on Special Measures Concerning Active Volcanoes, but also on the activities during volcanic crises and educational outreach efforts.