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

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

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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-P06]Prototype training program of the human resource development for volcanic disaster management officers

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The disaster management officers will change their working section each 2 to 3 year in Japan. If they respond appropriately to volcanic disasters, they need specialized knowledge compared to other natural disasters. However, they have to learn the knowledge of taking over from former officers when they start to work at the new section. We feel the need for a training program of human resource development that can respond accurately to volcanic eruption. We created a prototype training program based on interviews with the related organizations, and tried it in January and November 2017 and January 2018, at the northern foot of Mt. Fuji. The program consists mainly of lectures of volcanic phenomena and its disaster, specific case studies of volcanic disaster responses and group work exercises. As a result of the questionnaire after those program, the people wish to take a training regularly, and they hope to attend such course once or twice per year.