

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

## [S-VC41]Active Volcanism

convener:Yuta Maeda(Nagoya University), Takahiro Miwa(National research institute for earth science and disaster prevention), Yosuke Aoki(東京大学地震研究所, 共同), Takeshi Nishimura(Department of Geophysics, Graduate School of Science, Tohoku University)

Wed. May 23, 2018 5:15 PM - 6:30 PM Poster Hall (International Exhibition Hall7, Makuhari Messe)

This session discusses various aspects of active volcanisms including, but not limited to, recent and historical eruptions, various phenomena associated with the volcanic activities, underground structures of the volcanoes, and developments of new instruments based on geophysical, geochemical, geological, and multidiscipline approaches. We also welcome studies on understanding and predicting the transitions of the eruptive activities from observational, theoretical, and experimental approaches.

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## [SVC41-P09]Analysis of the eruption on January 23, 2018 at Kusatsu Shirane volcano using airborne remote sensing

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Keywords:Kusatsu-Shirane Volcano, phreatic eruption, remote sensing, image analysis, vent location

We analyzed the eruption on January 23, 2018 at Kusatsu-Shirane volcano using airborne remote sensing. We identified the crater location of this eruption by aerial photograph interpretation. In addition, the distribution region of pyroclastic fall deposit was estimated by image analysis using near infrared wavelength.