



Comprehensive research on Matua Island in 2017

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Abstract

Preliminary results of field investigations of the volcanological team of the IMGG FEB RAS in the Matua Island in June 2017 are presented. New materials characterizing the volcanic complexes of the basement of the island and the young volcanic structures preceding the formation of the Sarychev Peak volcano are obtained. A detailed study of Holocene soil-pyroclastic covers in the volcano's framework has been carried out to create maps on volcanic hazards. Experimental and methodological work has been carried out to study the background seismic regime. Botanical collections has been collected to assess the restoration of vegetation after the eruption of 2009.

Keywords

the Kuril Islands, Matua Island, Sarychev Peak volcano,
volcanism, seismology, geobotany

[References](#)



Cite as: A.V. Rybin, A.V. Degterev, I.P. Dudchenko, V.B. Guryanov, F.A. Romanyuk, I.M. Klimantsov. Comprehensive research on Matua Island in 2017. *Geosystems of Transition Zones*, 2017, vol. 1, N 4, p. 21–29. doi:10.30730/2541-8912.2017.1.4.021-029.