

Field study of the ultra-acidic thermal springs "Blue Lakes" on Baransky volcano (Iturup Island, Southern Kuril Islands) in 2025

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Abstract

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Abstract. Preliminary results of field surveys (July 2025) of the ultra-acid sulfate-chloride thermal springs of the "Blue Lakes" which discharge in the Kipyashchiy Stream valley on the slope of the active Baransky volcano (Iturup Island, Southern Kuril Islands), are presented.

Keywords:

Iturup Island, Baransky volcano, hydrothermal systems, thermal springs, ultra-acidic waters, monitoring of geological processes

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