

СОВРЕМЕННАЯ ФУМАРОЛЬНАЯ И ГИДРОТЕРМАЛЬНАЯ АКТИВНОСТЬ
**MODERN FUMAROLIC AND HYDROTHERMAL
ACTIVITY OF SINARKA VOLCANO, SHIASHKOTAN, THE KURILE ISLANDS**

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The paper provides updated information on recent activity of Sinarka Volcano, Shiashkotan Island, the Kurile Islands. The data was obtained during expeditions to the Central and Southern Kuriles in 2007-2008. Fumarolic and hydrothermal activity of the Central extrusive dome at Sinarka Volcano and Western and North-Eastern fumaroles fields are characterized. The research revealed certain change in fumarolic and hydrothermal activity of the volcano, in comparison to the data from previous investigations. A new thermal spring was revealed within the North-Eastern fumarole field, while other springs started to die. Fumaroles with temperature about 450°C revealed on the slope of the Central extrusive dome give evidence that Sinarka Volcano is currently highly active.

Keywords: Sinarka Volcano, the Northern Kuriles, fumarolic and hydrothermal activity.