

ОСОБЕННОСТИ ПРОСТРАНСТВЕННОГО ПРОЯВЛЕНИЯ
**PECULARITIES OF THE SPATIAL VARIATIONS FROM PARAMUSHIR
VOLCANIC GROUP, KURILE ISLAND ARC**

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This article represents a detail analysis of the spatial variations in volcanism from the Northern sector of the Kurile Island Arc. Investigations of the volcano time activity and comparison of the volume of erupted material made it possible to characterize features of the volcanism on the front and rear zones in dependence of the slab depth and location of faults. Data from volcanic location, as well as microscopic and geochemical analysis of its products allowed identifying geologic and petrologic peculiarities of volcanic formations in three main zones: the frontal, the intermediate, and rear zones.

Keywords: Kurile Island Arc, geochemical peculiarities, spatial variation of volcanism.