

ESTIMATION OF REMNANT MAGNITIZATION OF THE KURIL ISLAND ARC SUBMARINE VOLCANOES USING SOFTWARE IGLA

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The paper presents the results from investigation of remnant magnetization of submarine volcanic edifices within the Kuril island arc (KIA) based on data on hydromagnetic survey using software IGLA. Magnetic orientations of remnant magnetization of the studied submarine volcanoes within KIA differ from those of the modern geomagnetic field. The authors suggest that submarine volcanic activity coincided with the periods of worldwide geomagnetic disturbance.

Keywords: remanent magnetization, submarine volcanoes, The Kurile island arc, IGLA.