



Gasgeochemical precursors of seismic activity, earthquakes, volcanic episodes on the Kamchatka and Sea of Okhotsk (to use information of the Kamchatka scientific conferences 2017)

A.I. Obzhirov

*V.I. Il'ichev Pacific Oceanological Institute,
FEB RAS, Vladivostok, Russia*

Abstract

Study precursors of earthquakes aimed to predictions of episodes of earthquakes, possible tsunamis and volcanic manifestations is the important scientific and practical problem. To improve effective predictions of seismic activity and its consequences in the terrestrial media it is necessary to use comprehensive research methods – hydroacoustics, seismics, magnetic, gravity, gasgeochemical and other measurements. Using such methods to predict seismic activation is effective, as it has demonstrated by the example of investigation results for the Okhotsk Sea. Some problems in this sphere of the gasgeochemical and geophysical precursors have been discussed on the Kamchatka scientific conferences, 2017 autumn. All information is represented in this paper. Basic attention is focused on gasgeochemical and hydroacoustics investigations to use them like the criteria of prognosis of seismic-tectonic activity, earthquakes, and volcanic episodes.

Keywords:

gasgeochemical criteria, seismic activity, earthquakes,
volcanic episodes, Kamchatka, Sea of Okhotsk, conferences.

References



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