
MIS008-P03

Room: Convention Hall

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Characteristic EQ echoes observed at HSS before earthquakes which occurred off Cape Erimo.

Takeo Moriya^{1*}, Toru Mogi¹

¹ISV Hokkaido Univ.

We have tentatively observed abnormal transmission of VHF radio waves related to earthquake activity, and proposed that a kind of scattering VHF waves were precursor of earthquakes. We will show empirical relations between seismic activity beneath continental shelf south off Urakawa and Erimo, Hokkaido, and VHF Earthquake Echo (EQ Echo) from Urakawa (URA) and Mitsuishi (MUJ) observed at Sapporo VHF station (HSS). It seems that there were two types of EQ echoes, which were observed before M5-7 earthquakes. Some example records will be shown.

Keywords: earthquake presursor, VHF scattering (EQ Echo), Total duration time, quantitative relation