
MIS008-01

Room: Exhibition hall 7 subroom 2

Time: May 27 09:00-09:15

Empirical relation between seismic activity in the southern Hokkaido and EQ Echo observed at HSS station.

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 from Urakawa (URA) and Mitsuishi (MUJ) observed at Sapporo VHF station (HSS).

Keywords: earthquake precursor, VHF scattering (EQ Echo), Total duration time of EQ echo, quantitative relation