

Seismicity and Sea-Floor Water Temperature Data Based on the Ocean-Bottom-Seismometer Network at the Sagami Trough

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Using the on-line ocean-bottom-seismometer network at the Sagami trough subduction zone etc., we report the recent data of regional seismicity as well as of sea-floor water temperature variations.

First, we determined hypocenters around the trough using data from both six sites along the on-line marine network and thirty nearby land stations, for a period from June 1998 through Jan. 2000. For example, we confirmed that the double seismic zone exists beneath the trough region.

Second, there were interesting sequences in the sea-floor water temperature data from the marine network during two years from Jan. 1998.