

seismic observatories along the Japan Trench and their data

The Japan Trench is one of the most unique zones covered dense seismic networks in a wide area. National Research Institute for Earth Science and Disaster Resilience operates 150 seafloor seismic observatories, and Earthquake Research Institute, the University of Tokyo has 6 seismic stations. Each seismometer is linked with optical fiber cables, and the data are transmitted to Japan Meteorological Agency and other organizations in real-time. We present seismic records propagated through ocean and originated from both natural earthquakes and controlled-sources.

Primary author: YAMADA, Tomoaki (Japan Meteorological Agency)

Presenter: YAMADA, Tomoaki (Japan Meteorological Agency)

Track Classification: 2. Data analysis and signal processing methods for CTBT verification purposes