

Seismic Data Gained from CTBT Network to Be Used to Improve Tsunami Warning System

On August 11, a signing ceremony took place in Vienna, Austria, for an arrangement to utilize seismic observation data obtained from the monitoring network of the Comprehensive Nuclear-test-ban Treaty (CTBT) Organization in an international warning system for tsunamis. The document was signed by Yukiya Amano, Ambassador to the Permanent Mission of Japan to the International Organization in Vienna, and Executive Secretary Tibor Toth of the Preparatory Commission for the CTBT Organization.

The arrangement enables the Japan Meteorological Agency's Northwest Pacific Tsunami Advisory Center (NWPTAC) to access seismic and other data obtained from the CTBT International Monitoring System, thereby allowing it to swiftly detect earthquakes occurring outside of Japan and improve the degree of accuracy of hypocenter determination – both required for making tsunami forecasts.

The Japanese Ministry of Foreign Affairs (MoFA) has released a comment on the arrangement, stating, "It is expected that the meaningfulness of the CTBT will be further recognized through this cooperation and that this arrangement will facilitate the early entry into force of the CTBT."

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