

Seafloor geodetic observations, southeastern off Honshu island of Japan islands arc

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IIS, University of Tokyo and Hydrographic Department, Japan Coast Guard have been developing a seafloor geodetic observation system for monitoring the subsea crustal deformation in the forearc area. Eleven seafloor geodetic reference stations had been established on the subsea forearc crust of Japan islands arc. The observation, that we visit the seafloor reference stations to make measurements two or three times a year, has just been started. We have visited the stations in the Kumano trough and west off the Miyake-jima island to perform the measurements several times. The data from these observations have been analyzed. We report the results of the observations conducted in these two areas to date in this presentation.