

Results of Seafloor geodetic observations along the Nankai Trough

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Japan Hydrographic and Oceanographic Department (JHOD) and Institute of Industrial Science, the University of Tokyo have been developing a system for precise seafloor geodetic observation with the GPS/Acoustic combination technique and deploying seafloor reference points on the landward slope of the major trenches around Japan, such as the Japan Trench and the Nankai Trough.

In this poster, we summarize seafloor geodetic observation results at seafloor reference points along the Nankai Trough until fiscal 2011 by the array constraint analysis method (Matsumoto et al. 2008) and introduce the new seafloor reference points in fiscal 2011.

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