

Preliminary result of deep crustal imaging off Boso region by prestack depth migration

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Japan Agency for Marine-Earth Science and Technology has been carried out multi-channel seismic reflection survey in off Boso region in 2008 for understanding the plate configuration and tectonics. Obtained seismic profiles indicate the clear imaging about reflector of Philippine sea plate, Pacific plate and shallow crustal deformation. We applied prestack depth migration (PSDM) in order to imaging for deeper part of this region and obtain the velocity model. First, we attempt to image the configuration of Philippine sea plate and construct the velocity model. In this meeting, we will report the preliminary result of these results.