

The distribution of sediments using seismic reflection data in the backarc rift zone in Izu arc

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Investigation of the crustal structure of volcanic front and back arc basins is important to elucidate back arc opening and rifting in the Philippine Sea plate. To investigate its distribution of volcanic sediments and thickness, we used legacy data of single channel seismic reflection data obtained by AIST and multi-channel seismic reflection data obtained by JAMSTEC. We will report the distribution of sediments around the Izu backarc region.