

J239-P006

Room: Poster Session Hall

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Topography and crustal structure of the Hahajima Seamount in the Ogasawara forearc

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The Hahajima Seamount is a tabular and rectangular-shaped high on the forearc slope of the southern Izu-Bonin trench. Its origin has been controversial during last two decades.

We will present the bathymetry and the multichannel seismic reflection profile over the Hahajima Seamount and the west end of the Ogasawara Plateau, and discuss accretion of the Ogasawara Plateau to the forearc and formation of the Hahajima Seamount.