

## Geologic structure of front part of Nankai accretionary prism disclosed by submersible surveys

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In toe of accretionary prism, deep-sea sediments on oceanic plate is scraped to landward slope. In the Nankai accretionary prism, several km scale geologic structure of thrust and fold were disclosed by seismic profiles (Kuramoto, 2000). In this study, we report several 10-100 m scale geologic structure in front part of Nankai accretionary prism.

Survey area is front part of the Nankai accretionary prism around mouth of Tenryu deep-sea canyon. In this area, the Nankai accretionary prism is eroded by Tenryu deep-sea canyon, so that the large outcrop of accretionary prism is disclosed. In this study, three dives data were used; KR97-05 10K#42, #43 and KR97-06 10K#52.