

Tectonic landform and tectonics in the lower landward slope of the Nansei-syoto Trench.

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The Nansei-syoto(Ryukyu) trench extends in NE-SW direction along the South-east of the Ryukyu Arc. The details of topography in the trench is revealed by available bathymetric data of multi-beam echo sounder.

The landward slope of the trench is subdivided into two geomorphologic zones, north-eastern part and south-western one by deformation style. In the north-eastern the slope is composed with uplifted topographic highs and large scale landslides resulted from seamounts or a remnant arc subduction. The slope in the south-western part is deformed by forearc sliver movement resulted from oblique subduction.