

Palaeoenvironmental changes off Sanriku region based on benthic foraminifera assemblages, ODP Leg 186.

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Benthic foraminifera assemblages in ODP Leg 186 Hole 1150A (depth 2681m), off Sanriku coast were studied. from late Miocene to Pliocene assemblages indicate to about 1000m paleodepth, but those of late Pliocene to Pleistocene shows the present depth. It suggests remarkable subsidence occurred in this region during Pliocene. The present data are almost comparable with late Miocene to Pliocene faunal succession at DSDP Site 438 by Keller(1980).