

Distribution, depositional age and sedimentation rate of shelf sediments west and north of Noto Peninsula

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Piston and vibro cores collected from shelf west and north of Noto Peninsula indicate that 1) thick deposition of the Holocene silty sediments at west and northwest of the Peninsula, 2) occurrence of MIS 3 (30-40 ka) fluvial sediments beneath sandy shelf sediments at north of the Peninsula, and 3) formation under high energy sea bottom conditions of the lower part of surface sandy sediments at north of the Peninsula. Shallow marine sediments at MIS 3 were observed on the topographic highs offshore of the western and northwestern shelves. Sediments during the lowest sea-stands (last glacial maximum) might be distributed in the valleys incising the MIS 3 depositional surface.