

Researches of tsunami deposits from Holocene bay deposits in the Shimizu Plain, Shizuoka Prefecture

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In order to clarify the frequency of tsunami during the last few millennia, this study researches stratigraphic distribution of tsunami deposits from four sediment cores from Holocene bay deposits in the Shimizu Plain, Shizuoka Prefecture. As a result, three graded sand beds are detected from mud layers between -5 m and 0 m altitude. These beds contain molluscan shells which are not found from the underlying and overlying deposits. These indicate that these sand beds may be tsunami deposits.

Keywords: tsunami deposits, bay deposits, Holocene, Shimizu Plain