

Nankai Earthquake recurrences recorded in lacustrine sediment from eastern Shikoku

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We collect total nine cores from Kamoda-oike, western Shikoku. These core samples cover 0-6,500 years in Late Holocene time. Only one thick tsunami sediment obtains in the interval which composed of brown colored plant material-rich mud. This tsunami sand layer which shows 2000yBP to 2300yBP in age, yield light gray colored, well sorted and well rounded sand.

Historical records among 1,000 years interval are not written in any archives around this pond even 1707 Hoei Nankai Earthquake. This pond may have sedimentary potential in which tsunami sediment records huge tsunami only.

Keywords: tsunami sediment, Nankai earthquake, Nankai Trough, tsunami record