

## Supercycle of Nankai Earthquakes recorded in sediments from Tadasu-Ike Pond, Southern Coast of Shikoku Island along Nankai Trough.

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The supercycle of Nankai Earthquakes was seen in sediments from Tadasu-Ike Pond along Nankai Trough. Tadasu-Ike pond has 17 tsunami events in sediments from 1000 yBP to 4500 yBP. The events of 4000, 3400, 2700, 2000 and 1300 yBP are large size tsunami events. After these five events, size of tsunami events of each cycle decreases with time. Cyclic change in size of tsunami event is seen five times in 700 years cycle during 3500 years.

Keywords: Nankai Trough, Nankai Earthquakes, tsunami sediments, supercycle