

The last 6000 years record of tsunami events in the Kaniga-ike pond along the Nankai Trough

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In order to reveal pre-historic record of Nankai Trough earthquakes, we collected 46 vibrocore samples from the Kaniga-ike pond. Stratigraphical study and radiocarbon dating of these samples revealed that sediment of Kaniga-ike pond recorded 17 tsunami events during the last 6000 years. These 17 events repeated almost constant intervals through 300 years. A 2000 years ago event formed remarkable thick tsunami sequence, and also shows an exclusive event in the past 6000 years.

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