

## Crustal movement during the late Quaternary in the Ise Bay and Ohmi Basin, based on terraces and subsurface geology

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This study aims to reveal distribution of crustal movement during the late Quaternary. Yoro-Kuwana-Yokkaishi fault zone and Biwako-seigan fault zone consisting of west dipping reverse faults is one of the largest active fault zones in southwest Japan. However, the pattern and distribution of vertical deformation around the fault trace are not revealed quantitatively. Thus, amounts of uplift and subsidence were estimated based on terrace surfaces and subsurface geology.

Keywords: Crustal movement, Ohmi Basin, Ise Bay, Active fault, Terrace