

Four Holocene uplifted benches and two historical tsunami gravels around Koseda coast, Yakushima Island

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Many researchers have noted that Yakushima may have been struck by a huge earthquake and tsunami along Ryukyu subduction zone during historical age, but there is currently no clear evidence of this. We described four Holocene wave-cut benches uplifted by subduction earthquakes and two historical tsunami gravel beds around Koseda coast in northeastern Yakushima Island.

Keywords: Holocene wave-cut bench, huge tsunami trace, huge earthquake, Ryukyu subduction zone, Koseda coast, Yakushima Island