Segmentation of the Ushikubi fault in northern Central Japan based on trench excavation surveys

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Paleoseismologic data from five trenches excavated across the Ushikubi fault in northern central Japan reveal evidence for at least three surface-rupturing event during the past 16000 years. The latest event occurred about 1000-500 years ago and estimated recurrence interval was about 4000-5000 years. The results suggest that the Ushikubi fault is one behavioral segment and the latest event is not simultaneous that of the Miboro fault (1586, Tensho Eq.) and the Atotsugawa fault (1858, Hietsu Eq.)