

The most recent surface rupture on the Hatano fault in the MTL active fault system

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We have revealed the evidence for the most recent event on the Hatano fault in the Median Tectonic Line active fault system. We have estimated 2.5+/-0.5m right-lateral displacement and 0.5-1.0m north-side-up vertical separation at the most recent event, from an offset paleo-channel discovered on the trench walls and bottom.