

# Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

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MIS036-P159

Room:Convention Hall

Time:May 27 14:15-16:15

## Investigation of the liquefaction along Tone river after the 2011 off the Pacific coast of Tohoku Earthquake

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We have investigated the liquefaction along the Tone river, Kanto district, immediately south-western portion of the focal region of the 2011 off the Pacific coast of Tohoku Earthquake.

We confirmed the liquefaction at the following places.

- 1)The left bank of the river : from Yotsuya, Inashiki-city , via Yatabe,Kamisu-city, and Hinode, Itako-city
- 2)The right bank of the river : Minamikurihashi, Kuki-city, Miyako, Abiko-city, Nakatani and Manaitanabekoshinden, Sakae-town, Kouzakahonshuku and Matsuzaki Sawara, Kouzaki-town, Omigawa and Sawara, Katori-city.

The liquefaction areas were concentrated at areas where abandoned river channels and marshes were filled up.