

# Japan Geoscience Union Meeting 2011

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

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MIS036-P160

Room:Convention Hall

Time:May 27 14:15-16:15

## Correlation of the distribution of liquefied sites in the Tone River lowland and land use change since the Meiji era

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The occurrences of liquefaction damage were observed in many places in the Tone River lowland induced by the 2011 off the Pacific coast of Tohoku Earthquake. On the basis of the old edition maps which have been surveyed and published since the Meiji era, a large number of these sites are located on former river channel, recently filled or reclaimed land, backfilled land of canal, natural levees and backmarsh.

Keywords: Liquefaction damage, Land use change, Old edition map, Tone River lowland, The 2011 off the Pacific coast of Tohoku Earthquake