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## Preliminary report on damage to the northern Kanagawa, Japan, by the 2011 off the Pacific coast of Tohoku Earthquake

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The purpose of this presentation is to provide a preliminary report on the damage caused to the northern part of Kanagawa Prefecture by the 2011 off the Pacific coast of Tohoku Earthquake. Kanagawa Prefecture is located to the south-west of Tokyo and covers an area of about 2,415.85 square kilometers. It has a population of about 9 million people. The topography of the prefecture consists of alluvial lowland, upland, and mountains such as Tanzawa Mountains. The earthquake struck just under 400 kilometers the northern part of Kanagawa Prefecture located in the Kanto region and hit between 4 and 5 lower on the Japan Meteorological Agency seismic intensity scale.

Slight damages such as the fall of roof tiles, fissures of water pipes, collapse of concrete-block walls and so forth were caused by the earthquake in this area.

We will report the preliminary results of the investigation, and especially describes the relationships among topography, geology and the situation of damages.

Keywords: the 2011 off the Pacific coast of Tohoku Earthquake, the northern part of Kanagawa, damage, topography, geology