

# Distribution of Human and House Damage of the 1703 Genroku Kanto Earthquake-Tsunami in Chiba Prefecture

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A huge earthquake occurred in the sea region south off Kanto district on 31st December 1703, which is called Genroku earthquake and is considered to belong to the same series as the 1923 Great Taisho Kanto earthquake. On the basis of old documents we clarify the statistics of building and human damage due to the earthquake and its accompanied tsunami for villages in the territory of Chiba prefecture. Comparing the number of collapsed houses with the total number of houses at each village, we estimated seismic intensity. It was clarified that seismic intensity in Tateyama city and Chikura town, near the tip of Boso peninsula, reached 7 on the JMA scale. Tsunami damage was severe in villages on Kujukuri coast, east part of the Boso peninsula. In the present study, the distributions of swept houses and numbers of victims for villages were also clarified.