



Faculty of
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A study on evacuation planning for the elderly and disabled facilities

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Fig.1 Elderly facility broken by the tsunami of March 11, 2011

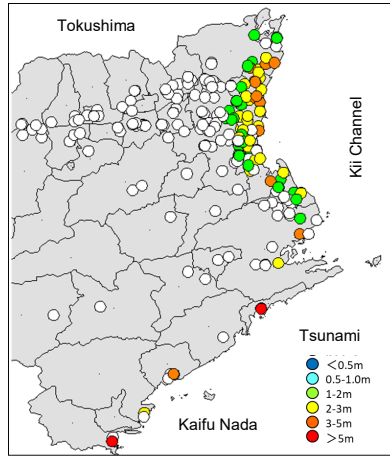


Fig.2 Tsunami risk of elderly facilities in Tokushima

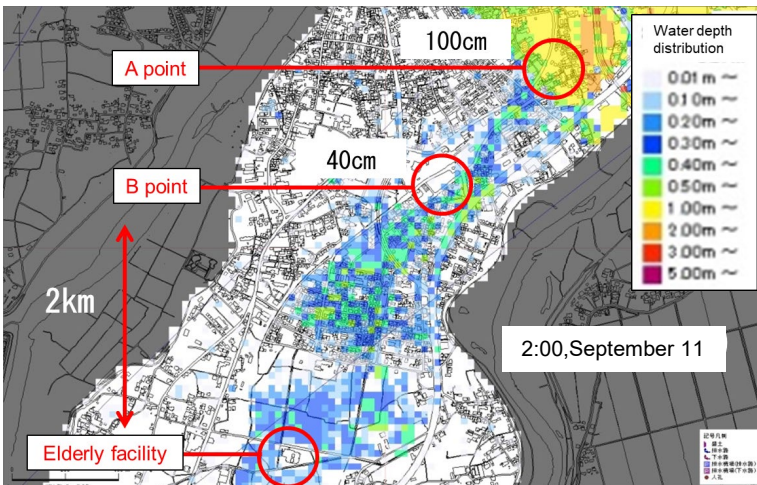


Fig.3 Estimation of evacuation judgment by Kinu River flood analysis

(1) Purpose

We propose a method to improve the effectiveness of the evacuation plan at facilities, in order to reduce the delay of the elderly and the disabled.

(2) Research target

- Facilities for the elderly and disabled, affected by past earthquakes, tsunamis, and floods, Child welfare facilities, schools, etc.

(3) Method

- Behavior analysis by interview survey
- Analysis of damage situation by site reconnaissance and flood analysis
- Analysis of current situation of questionnaire survey

(4) Research Papers

- The location characteristics of the social welfare facilities in Tokushima and the present condition of tsunami disaster measures
- Appropriate decision method of evacuation judgment at flood in welfare facilities for the elderly
- Evacuation Behavior of Facilities for the Elderly in the Heavy Rain of July 2018

Keywords : < elderly , disabled , evacuation plan >

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