

G03-P01

Room:Convention Hall

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Development of the prefabricated tsunami laboratory equipment for the disaster education at the elementary school

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We developed a simple water tank for tsunami experiment using PVC plates with plastic sheeting for agriculture (4.5m long, 30cm high, 30cm wide). It was filled by fresh water. If we pull up the other end of the plastic sheet to resemble seafloor uplift due to the earthquake, the water was pushed up to propagate, tsunami wave run up a slope and splash out the water tank. Our prefabricated tsunami laboratory equipment is a good for the disaster education at the elementary school.

Keywords: prefabricated tsunami laboratory equipment, development and practice, disaster education, elementary school, huge tsunami, great earthquake

