

## Laboratory experiment of tsunami deposit using a large wave flume

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The laboratory experiment was conducted to study the relationship between the hydraulic condition and sedimentological features of tsunami deposit. The large wave flume in CRIEPI which can generate incoming wave with up to 3.0 m/s on the shoreline was used in this study. This large scale experiment allows us to use the actual sand and the reproducibility of sedimentological features of tsunami deposit is expected. In the presentation, we will show the preliminary results of this laboratory experiments.

Keywords: tsunami deposit, laboratory experiment