

6th International Symposium on Submarine Mass Movements and Their Consequences

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Morphology of Australia's eastern continental slope and related tsunami hazard

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Content :

Morphologic characterisation of five distinct, eastern Australian upper continental slope submarine landslides enabled modelling of their tsunami hazard. Flow depth, run-up and inundation distance has been calculated for each of the five landslides. Future submarine landslides with similar characteristics to these could generate tsunami with maximum flow depths ranging five to ten meters at the coastline, maximum run-up of five meters and maximum inundation distances of one kilometre

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