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Public assessment of the usefulness of "draft" tsunami evacuation maps from Sydney, Australia: implications for the establishment of formal evacuation plans

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Abstract. Australia is at risk from tsunamis and recent work has identified the need for models to assess the vulnerability of exposed coastal areas as a fundamental element of the risk management process. Outputs of such vulnerability assessment can be used as a baseline for the generation of tsunami prevention and mitigation measures, including evacuation plans. Having noted that no evacuation maps exist for Manly, Sydney (an area recently subjected to high resolution building vulnerability assessment by Dall'Osso et al., 2009b), we use the results of the analysis by Dall'Osso et al. (2009b) to "draft" tsunami evacuation maps that could be used by local emergency service organisations. We then interviewed 500 permanent residents of Manly in order to gain a rapid assessment of their views about the potential usefulness of the draft evacuation maps generated. Results of the survey indicate that residents think the maps are useful and understandable, and include insights that should be considered by local government planners and emergency risk management specialists during the development of official evacuation maps (and plans) in the future.

[Full Article](#) (PDF, 5678 KB)

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