

List of Wave Wake Related Publications by AMC Personnel (in bold)

Macfarlane, G.J., 2025, Wakesurfing, Wakeboarding, and Waterskiing: A Comparison of Wake Characteristics, *River Research and Applications*, 2025 01-18, <http://doi.org/10.1002/rra.4438>

Cox, G., 2020, Vessel wave wakes – new perspectives on their generation, propagation and shoreline impacts, Doctor of Philosophy thesis, Australian Maritime College, University of Tasmania, Australia.

Cox, G. and Macfarlane, G.J., 2019, The effects of boat waves on sheltered waterways – Thirty years of continuous study, Proc. Australasian Coasts and Ports Conference 2019, 10-13 September 2019, Hobart.

Macfarlane, G.J., Graham-Parker, K. and Connellan, M., 2019, The increase in wave wake characteristics of marine vessels when accelerating, Proceedings of the ASME 2019 38th International Conference on Ocean, Offshore and Arctic Engineering OMAE2019, June 9-14, 2019, Glasgow, Scotland

Macfarlane, G.J. and Graham-Parker, K., 2019, Marine vessel wave wake: transient effects when accelerating or decelerating, *Journal of Waterway, Port, Coastal, and Ocean Engineering*, 145 (1) Article 04018027, doi:10.1061/(ASCE)WW.1943-5460.0000478 ISSN 0733-950X.

Pethiyagoda, R., McCue, S.W, Moroney, T.J., **Macfarlane, G.J.** and **Binns, J.R.**, 2018, Time-frequency analysis of ship wave patterns in shallow water: modelling and experiments, *Ocean Engineering*, 158.

Macfarlane, G.J., 2015, Predicting and regulating vessel generated waves within sheltered waterways, Proceedings of the International Maritime Conference, PACIFIC 2015, 6-8 October 2015, Sydney.

Macfarlane, G.J., Duffy, J.T. and Bose, N., 2014, Rapid assessment of boat generated waves within sheltered waterways, *Australian Journal of Civil Engineering* Vol. 12, No. 1, 2014, Special issue on Coasts and Oceans.

Macfarlane, G.J., Bose, N. and Duffy, J.T., 2014, Wave wake: focus on vessel operations within sheltered waterways, *Journal of Ship Production and Design*, Vol. 30, No. 3, August 2014.

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Robbins, A.W., 2013, Shallow water vessel wash – simple characterisations for a complex phenomenon, Doctor of Philosophy Thesis, Australian Maritime College, University of Tasmania, Australia.

Robbins, A., Thomas, G., Amin, W., Renilson, M.R., Macfarlane, G.J. and Dand, I., 2013, Vessel wave wake characterisation using wavelet analysis, RINA Transactions, *International Journal of Maritime Engineering*, Vol. 155 (Part A2) pp. 59-66. ISSN 1479-8751.

Macfarlane, G.J., Bose, N. and Duffy, J.T., 2012, ‘Wave wake: focus on vessel operations within sheltered waterways’, Proceedings of the SNAME Annual Meeting, Providence, Rhode Island, 24-26th October 2012.

Macfarlane, G.J., Bose, N. and Duffy, J.T., 2012, ‘Predicting the effects of boat generated waves within sheltered waterways’, Proceedings of the 4th International Conference on Estuaries and Coasts, 8th – 11th October 2012, Hanoi, Vietnam.

Macfarlane, G.J., 2012, Marine vessel wave wake: focus on vessel operations within sheltered waterways, Doctor of Philosophy thesis, Australian Maritime College, University of Tasmania, Australia.

Robbins, A., Thomas, G.A., Renilson, M.R., Macfarlane, G.J. and Dand, I., 2011, 'Subcritical wave wake unsteadiness', RINA Transactions, *International Journal of Maritime Engineering*, Vol. 153, part A3.

Macfarlane, G.J., 2009, 'Correlation of prototype and model scale wave wake characteristics of a catamaran', *Marine Technology*, SNAME, vol. 46, no. 1.

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Macfarlane, G.J. and Gourlay, T., 2009, 'Investigation into the effect of wash of boats and wind waves on the Swan River', Report prepared for the Swan River Trust, AMC Search Ltd Report No. 09/G/17, www.swanrivertrust.wa.gov.au.

Macfarlane, G.J., Cox, G. and Bradbury, J., 2008, 'Bank erosion from small craft wave wake in sheltered waterways', RINA Transactions, *Intl. Journal of Small Craft Technology*, part B, 150 (B2) pp. 33-48.

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