

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

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.

Robbins, A., Thomas, G.A., Dand, I., Macfarlane, G.J. and **Renilson, M.R.**, 2013, When is water shallow? *Transactions of the Royal Institution of Naval Architects, Part A3: Vol. 155, International Journal of Maritime Engineering*, Jul-Sep 2013.

Macfarlane, G.J., Duffy, J.T. and **Bose, N.**, 2013, Assessing boat generated waves within sheltered waterways, *Coasts and Ports 2013: Proc. 21st Australasian Coastal and Ocean Engineering Conf.*, Sydney, 11-13 Sept. 2013.

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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