

Special Issue

Advances in Navigability and Mooring

Message from the Guest Editor

Most of the need for research into the navigability of waterways, approach channels, harbour basins, docks, mooring, rivers, and related matters, arises from the enlargement of scale that is being rather unyieldingly impressed upon commercial maritime ports. Articles providing analytical, computational (FEM, etc.), modeling and experimental methods are most welcome. We are particularly interested in papers addressing challenges such as ship handling when vessels are exiting ports, when sailing at reduced under keel clearance, sailing and approaching through narrow channels, port approach planning, manoeuvring vessels exposed to strong crosswinds, ship to ship interactions, advanced towing arrangements, new dredging methods, and port extension engineering. Alternative manoeuvres to minimize prop-wash and bed disturbance are acceptable. In addition, we are open to propositions regarding any new risks, difficulties, and challenges that arise from this general state of maritime affairs.

Guest Editor

Dr. Marko Perkovic

Faculty of Maritime Studies and Transport, University of Ljubljana, 6320 Portorož, Slovenia

Deadline for manuscript submissions

closed (10 February 2022)



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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).