

Special Issue

Resilience and Capacity of Waterway Transportation

Message from the Guest Editors

This Special Issue aims to compile the latest research findings and practical experiences around the world, seeking to provide scientific evidence and strategic guidance for decision makers and practitioners to strengthen waterway transportation resilience, enhance waterway efficiency, ensure navigation safety, and promote the sustainable development of intelligent shipping. By adopting an interdisciplinary perspective, this Special Issue will address the urgent need for a safe, efficient, and green waterway transportation network in the context of global economic integration. We invite contribution topics but not limited to:

- Advanced technologies in intelligent shipping;
- Big data analytics and AI in waterway transportation management;
- Optimization of waterway route planning;
- Quantitative analysis of waterway capacity;
- Risk mitigation in waterway navigation;
- Integration of environmental protection and economic efficiency in waterway management;
- Policy and regulatory frameworks for enhancing waterway transportation resilience;
- Case studies on recent incidents and their impact on waterway transportation.

Guest Editors

Prof. Dr. Daiheng Ni

Transportation Program Coordinator, Civil and Environmental Engineering, University of Massachusetts, Amherst, MA 01003, USA

Prof. Dr. Yihua Liu

Merchant Marine College, Shanghai Maritime University, Shanghai 201308, China

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Journal of Marine Science and Engineering
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

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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

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