

From Editor-in-Chief:

Machine Learning in Maritime Science

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Nowadays advances in most, if not all, fields of science and human effort seem to be triggered by machine learning. Even scientific publishing must undergo changes and challenges imposed on journals and their editors by machine learning. For example, many authors use artificial intelligence applications to improve their language expression. A possible consequence could be an increased similarity index due to the fact that AI does not always guarantee originality in writing.

This issue marks the 13th year of our continuous publication. As a contribution towards its modernisation, we have been trying to introduce more ahead publishing, called “Web-first” or “On-line first”, offering considerable benefits to both the Journal and the authors.

I would like to thank the colleagues from the conference “MARESEC 2023: European Workshop on Maritime Systems Resilience and Security 2023” for their valuable and most appreciated contribution by selecting and suggesting papers. In this issue as many as four papers have been selected from this conference. The first deals with enhancing vision with a range-gated viewing system at night and bad weather conditions for maritime search and rescue operations; the second with prediction of vessel tracks in waterways for maritime anomaly detection. The third deals with integrated path planning and collision avoidance for autonomous underwater vehicles. Finally, the fourth deals with the international legal framework for submarine infrastructures. The papers have been pre-published at Zenodo (<https://zenodo.org>) server with DOIs in versions presented at the conference, revised and extended for this issue of ToMS.

In total, nine papers cover marine/ocean/shipbuilding engineering topics, five maritime law topics, four maritime logistics and economy, four maritime ecology and green solutions, and four other maritime topics. The authors come from the following countries: Croatia, Germany, Greece, India, Indonesia, Kosovo, North Macedonia, Poland, Russia, Ukraine, and Turkey.

As always, we have continued to promote the Croatian historical and cultural heritage by publishing poems and songs in dialects, primarily those pertaining to the Croatian Adriatic coast and its islands. This time it comes from Komiža: an ancient song traditionally sung by its fishermen for centuries, here performed by “Komiža”, a cappella group of singers from the eponymous town on the Island of Vis.

Finally, I would like to thank all the reviewers, authors, collaborators, and all those who have in any way helped in the process of publishing this issue.

Editor-in-Chief