

Special Issue

Applications, Properties and Manufacturing of Marine Composites

Message from the Guest Editors

Fiber-reinforced plastics composites have been employed in marine applications for decades, starting from the manufacturing of ships and vessels. To date, composites are employed in all areas of the marine sector and for a variety of components and structures, namely hulls, bearings, propellers, railings, vessels of all types and other subsea structures. Indeed, the replacement of metals and wood, with FRPs in components and structure offers known advantages, e.g., enhanced corrosion resistance, lightweight, durability, and design flexibility. The growing of the market for composites brings out several challenges concerning the development of innovative FRPs, establishing of new design guidelines, devising of efficient manufacturing, development of computational analysis tools. Last but not least, it is needed to highlight that nowadays it is impossible to not consider the environmental aspects related to both the manufacturing and the end-of-life (EoL) of FRPs products. This means that the new global challenges are aiming at using of more eco-friendly composite materials, such as natural fiber composites, and at studying of recycling process for EoL components.

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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

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