



## Marine Application of Fiber Reinforced Composites

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Deadline for manuscript  
submissions:

**closed (20 December 2021)**

### Message from the Guest Editors

Dear Colleagues,

Fiber-reinforced composites have been employed in marine applications for decades, beginning with the manufacturing of ships and vessels. At present, composites are employed in all areas of the marine sector and for a variety of components and structures. Indeed, the replacement of metals and wood with fiber-reinforced polymer (FRP) composite materials in components and structures offers known advantages.

On the other hand, the growing of the market for composites has brought about several challenges concerning the development of innovative FRP materials, the establishment of new design guidelines, the development of efficient manufacturing, and development of tools for computational analysis.

The Special Issue aims to highlight recent developments in the area of fiber-reinforced composites in marine applications, including, but not limited to, the following:

- fiber-reinforced composite manufacturing;
- marine composite sandwich structures;
- marine renewable energy devices;
- composites in oil and gas applications;
- underwater constructions;
- light marine structures;
- durability of composites in a marine environment





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## Message from the Editor-in-Chief

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