



Innovation in Material and Design of Underwater Structures

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Message from the Guest Editors

Dear Colleagues,

In recent years, the exploration of underwater resources set unprecedented requirements for the performance of underwater structural systems. The invention of new materials and the improvement of structural manufacturing technology have provided more possibilities for the design of novel structures. Aluminum alloys, high-strength steels, titanium alloys, and various anti-corrosion and anti-fouling coatings are widely used in underwater structures. People are also constantly exploring the application of acrylic materials, ceramic materials, carbon fiber materials, and solid buoyancy materials, as well as safety design methods that match structural functions. Furthermore, the application of new materials and structures should be based on in-depth mechanism research related to performance dimensions such as strength, stability, fatigue, creep, etc. This Special Issue aims to promote knowledge and publish new findings on all types of research related to innovation in the material and design of underwater structures.





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Message from the Editor-in-Chief

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