Special Issue

Sustainable Concrete in the Marine Environment

Message from the Guest Editor

Marine structures must be strong enough to withstand forces of the sea and marine vessels, as well as the aggressive environments. The concrete needs to be designed to protect the marine structure from excessive wave action and provide sufficient corrosion protection.

Good resistance against harsh exposures can be obtained by selection of new materials and specifications without increasing the cost of concrete production and their maintenance during use. In addition, conventional concrete materials, including OPC, crushed rock/limestone aggregates, are carbon and energy intensive materials.

Since the ingredients of conventional concrete do not work well in the marine/aggressive environment, the aim of this Special Issue is to cover following topics:

- Innovative concrete specification for the marine environment;
- Material selection for durable concrete for the marine environment;
- Cost-competitive green concrete for the marine environment;
- Sustainability assessment of concrete selection for the marine environment.

Assoc. Prof. Wahidul Biswas

Guest Editor

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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

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