

Special Issue

Prevention and Control of Biofouling in Marine Environment

Message from the Guest Editors

Biofouling is an age-old challenge. Classic mitigation for biofouling in pipes, etc., is carried out through oxidizing agents like chlorine. Classic mitigation for ship hulls is based on shelf-stable, broad-spectrum, usually long-lived biocides. Newer potential mitigation approaches employ short-lived biocides, UV light, larval behavior disruptors, and foul-release coatings, employing cleaning technologies as well. However, all mitigation approaches are polluting. Moreover, environmental impacts have not been fully assessed. Unprotected and poorly protected surfaces result in other forms of environmental impacts such as corrosion, invasive species, and novel ecosystems. The aim of this Special Issue is to identify timely biofouling challenges, provide mitigation solutions, and identify environmental consequences. “Silver Bullet” solutions require evidence of the lack of impact of all the components utilized.

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About the Journal

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.

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