

Special Issue

Biogeochemical Role of Algae in Aquatic Ecosystems: Basic Research and Applied Biotechnology

Message from the Guest Editors

Algae are a key part of aquatic ecosystems. Algae diversity is very broad and is reflected in a wide range of biochemical properties predetermining the relationship between organisms and environment. Considering algae as a potential source for manufacturing and green technologies is another important issue. Nowadays, algae receive great attention as a single object to resolve a list of contemporary concerns, such as CO₂ emissions, alternative energy, water purification, and bioremediation. This Special Issue will uniquely focus on the bio(geo)chemical interactions between algae and environment. We welcome original research papers representing experimental work, field studies, new methods and equipment, theoretical approaches, and mathematical modeling in addition to review papers. We especially encourage contributions that use multidisciplinary approaches to explore biogeochemical processes in the natural environment and applied biotechnology.

Guest Editors

Dr. Nikolay Lobus

Timiryazev Institute of Plant Physiology, Russian Academy of Sciences, Botanicheskaya st. 35, Moscow 127276, Russia

Dr. Anastasia Drozdova

Shirshov Institute of Oceanology of the Russian Academy of Sciences, 36 Nakhimovsky Avenue, Moscow 117997, Russia

Deadline for manuscript submissions

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA Oceans Institute, The University of
Western Australia, Perth, WA 6009, Australia

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