



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

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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.





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Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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