

Special Issue

Biological Aspects and Biotechnological Potential of Microalgae

Message from the Guest Editor

Recently, algae have drawn significant attention as a valuable source of biomass that is suitable for many industrial applications. The rising anthropogenic CO₂ levels and ongoing energy crisis have set our priorities high in the search for alternative energy sources, such as third generation biofuel. Furthermore, the high demand for alternative sources of nutrient additives and valuable nutraceutical compounds, encourages research and development activities in the field of suitable novel algal strains, as well as technological production improvements. Recent advances in biochemistry, molecular biology, recombinant biotechnology, remote- and nano-sensing and related cutting-edge technological solutions have led to new horizons and opportunities for novel industrial applications of microalgae.

Authors are encouraged to submit original research articles that cover the areas of algal physiology, ecotoxicology, growth kinetic studies and methodological improvements that contribute to our understanding of algae metabolic pathways and the possibilities of qualitative and quantitative productivity enhancement.

Guest Editor

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Deadline for manuscript submissions

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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

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