

Special Issue

Marine Biotechnology for Sustainability of Ecologically Significant Resources

Message from the Guest Editors

The Special Issue will focus on how marine biotechnologies could provide social, economic, and environmental sustainability. Marine biotechnologies are not universally applicable and interfacing ecosystem knowledge with biotechnology for sustainable production of feeds, fuels and biochemicals could complement mariculture operations. The potential also exists to enhance future marine spatial planning to integrate coastal agriculture and recreation use due to the ongoing expansion of coastal population growth and the activities associated with it. Application of such biotechnology can also help to reduce wastes by recycling nutrients and subsequently reducing greenhouse gas footprints, in order to achieve social, economic, and environmental sustainability. The Special Issue aims to capture technologies from marine spatial planning, life cycle assessment, carbon capture technologies, nutrients cycling, through to production of high-value bioproducts. The Issue will further aim to supplement the gap between current industrial practices and R&D efforts to address future global needs.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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