

## 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.

### Guest Editors

Dr. Kim Lee Chang

CSIRO, GPO Box 1538, Hobart, TAS 7001, Australia

Prof. Dr. Peter D. Nichols

CSIRO Food and Nutrition Flagship, Oceans and Atmosphere Flagship,  
PO Box 1600, Canberra, ACT 2601, Australia

### Deadline for manuscript submissions

closed (31 March 2024)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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