

## Special Issue

# Macroalgal Biotechnology and Applied Phycology

### Message from the Guest Editors

This Special Issue focuses on the applied phycology and biotechnology of macroalgae. Macroalgae have diverse applications as a source of food and hydrocolloids, as animal feed additives, as fertilizer and soil conditioners, and as targets for novel bioactives and bioproducts. Macroalgae can also contribute to environmental outcomes, for example, through bioremediation and carbon capture and sequestration. We invite contributions from researchers in both academia and industry that report on or review advances in macroalgal applications and biotechnology. The scope of this Special Issue includes but is not limited to:

- Culture techniques and advances;
- Aquaculture and ocean farming;
- Closing lifecycles and seaweed hatcheries;
- Diversification of species for aquaculture and strain selection;
- Genetic advances and applications, including selective breeding techniques;
- Disease and contamination control and treatment;
- Environmental tolerances and effects on growth;
- Applied taxonomy;
- Macroalgal products;
- Biomass processing;

---

### Guest Editors

Dr. Rebecca Lawton

Dr. Christopher Glasson

Dr. Christina Praeger

---

### Deadline for manuscript submissions

closed (31 May 2022)



## Phycology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2



[mdpi.com/si/92931](https://mdpi.com/si/92931)

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

[mdpi.com/journal/  
phycology](https://mdpi.com/journal/phycology)





# Phycology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2



[mdpi.com/journal/  
phycology](https://mdpi.com/journal/phycology)



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Peer Schenk

1. Sustainable Solutions Hub, Global Sustainable Solutions Pty Ltd.,  
Brisbane, QLD 4105, Australia

2. Centre for Bioinnovation, The University of the Sunshine Coast, Sippy  
Downs, QLD 4556, Australia

---

#### Author Benefits

##### Open Access:

free for readers, with article processing charges (APC) paid  
by authors or their institutions.

##### High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,  
and other databases.

##### Journal Rank:

JCR - Q1 (Marine and Freshwater Biology) / CiteScore - Q1  
(Agricultural and Biological Sciences (miscellaneous))