

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)



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About the Journal

Message from the Editor-in-Chief

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