



Open Access Journal by MDPI

Phycology

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



Message from the Editor-in-Chief

Phycology (ISSN 2673-9410) is an international peer-reviewed open access journal on Phycology. *Phycology* is published quarterly online by MDPI.

Editor-in-Chief

Prof. Dr. Peer Schenk

Editorial Board Members

Prof. Dr. Stefano Accoroni
Prof. Dr. Nathalie Bourgougnon
Dr. Gary Caldwell
Prof. Dr. Simona Carfagna
Prof. Dr. Allan Cembella
Dr. Adele Cutignano
Prof. Dr. Marcin Dębowski
Prof. Dr. Joël Fleurence
Dr. Pilar García-Jiménez
Prof. Dr. Susan Løvstad Holdt
Prof. Dr. Qiang Hu
Prof. Dr. Aaron Kaplan
Prof. Dr. Jang-Seu Ki
Prof. Dr. George P. Kraemer
Dr. Yuya Kumagai
Dr. Tomas Lafarga
Prof. Dr. Sang Heon Lee
Dr. Zhiying Lu
Prof. Dr. Koji Mikami
Dr. John Milledge
Prof. Dr. Søren Laurentius Nielsen
Prof. Dr. Leonel Pereira
Prof. Dr. José Lucas Pérez-Lloréns
Prof. Dr. Praveen Ramasamy
Prof. Dr. Barry H. Rosen
Prof. Dr. Assaf Sukenik
Prof. Dr. Juan J. Vergara
Dr. Matthew Wilcox
Prof. Dr. Marian Yallop

Aims

Phycology (ISSN 2673-9410) is an international, cross-disciplinary, scholarly, peer-reviewed, open access journal on the topic of phycology. *Phycology* publishes regular research articles, reviews, short notes, etc. Our aim is to encourage scientists to publish papers on the subject of the origin evolution of phycology, species of algae, cultivation, harvesting, extraction, biofuels and some applications of phycology. There is no restriction on the maximum length of the papers. For theory papers, full details of proofs must be provided so that results can be checked. For experimental papers, full experimental details must be provided so that results can be reproduced. Additionally, electronic files or software regarding the full details of the calculations, experimental procedure, etc., can be deposited, along with the publication as “Supplementary Material”.

Scope

Origin, ecology and evolution of micro- and macroalgae

- History of phycology
- Algal biology and ecology
- Microbial community dynamics
- Microbial ecology and algae-microbe interactions
- Paleophycology and fossil algae
- Reproduction and life cycles of algae

Algal biology and environment

- Algae diversity and conservation
- Benthic and planktonic algae
- Biochemistry and lipidomics
- Cell biology and physiology
- Ecotoxicology
- Harmful microalgae
- Marine food chain
- Molecular traits
- Metabolic regulation, Genetic engineering and Metabolomics
- Seaweed resources

Applications of phycology

- Algal biotechnology
- Algal cultivation, harvesting and extraction systems
- Algal biomass, components and function
- Algae for food and nutraceuticals
- Biofuels and Bioproducts
- Water treatment using algae
- Biorefinery
- Industrial algae farming and processing
- Life cycle assessments and technoeconomic analyses

Author Benefits

Open Access

Unlimited and free access for readers

No Copyright Constraints

Retain copyright of your work and free use of your article

Thorough Peer-Review

No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

Rapid Publication

A first decision is provided to authors approximately 15.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2023)

MDPI is a member of

CASPA



STM¹



SPARC*
Europe



DOAJ



ORCID



Editorial Office

phycology@mdpi.com

MDPI

St. Alban-Anlage 66

4052 Basel, Switzerland

Tel: +41 61 683 77 34

mdpi.com

