

## Special Issue

# Biology, Ecology and Management of Harmful Algae

### Message from the Guest Editors

Harmful algae can be found in both saltwater and freshwater environments. Harmful algae outbreaks can form harmful algal blooms (HABs); some types of harmful algae can cause irritation and allergic reactions on direct contact, while others may also produce toxins. These harmful algae outbreaks are a serious threat to aquatic ecosystems, human and animal health, the economy, drinking water supplies, and fisheries. This Special Issue will provide readers access to state of the art research on the biology and/or ecology of harmful algae and monitoring, as well as on the management and control of harmful algal blooms. Techniques such as chemical control and physical methods such as ultrasound will be presented largely as case studies. We look forward to receiving your contributions.

### Guest Editors

Prof. Dr. Paul V. Zimba

Rice Rivers Center, Virginia Commonwealth University, Richmond, VA 23030, USA

Prof. Dr. Jabulani R. Gumbo

Department of Earth Sciences, Faculty of Science, Engineering and Agriculture, University of Venda, Private Bag X5050, Thohoyandou 0950, South Africa

### Deadline for manuscript submissions

31 August 2025



## Biology

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 7.4  
Indexed in PubMed



[mdpi.com/si/174873](https://mdpi.com/si/174873)

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

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





# Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 7.4  
Indexed in PubMed



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



## About the Journal

### Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

---

### Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).