

## Special Issue

# Island Ecology and Biodiversity: Managing the Effects of Climate and Land-Use Change

### Message from the Guest Editors

Island ecosystems, while covering a relatively small portion of the Earth's surface, are home to a disproportionately high concentration of biodiversity and are critical to environmental conservation. Islands are hotspots of biological, cultural, and geophysical diversity, housing unique species and ecosystems that are often not found anywhere else. In addition, these ecosystems are vital to the livelihoods and cultural practices of island communities. However, islands also face some of the most urgent environmental challenges on Earth. This Special Issue welcomes submissions on island ecology and biodiversity, particularly in managing the effects of climate and land-use change. We invite contributions that address the spread, control, and impacts of invasive species on ecosystems and communities; the long-term monitoring of ecosystem structure, function, and responses to environmental stressors; biocultural approaches that integrate social, cultural, and ecological perspectives to sustain resilient and culturally significant landscapes; and innovative tools and techniques for prioritizing and guiding conservation and restoration efforts.

### Guest Editors

Dr. Kealohanuiopuna Mark Kinney

Pacific Southwest Station Institute of Pacific Islands Forestry, USDA Forest Service, Hilo, HI 96720, USA

Dr. Susan Cordell

Pacific Southwest Station Institute of Pacific Islands Forestry, USDA Forest Service, Hilo, HI 96720, USA

### Deadline for manuscript submissions

30 September 2025



## Biology

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 7.4  
Indexed in PubMed



[mdpi.com/si/222870](https://mdpi.com/si/222870)

*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).