

Special Issue

Integrated Pest Management and Its Role in Biodiversity Conservation

Message from the Guest Editors

Integrated pest management (IPM) has long been the foundation of effective crop protection strategies, combining ecological principles with practical tools to manage pest populations sustainably. By integrating cultural practices, monitoring, and decision aids, IPM aims to enhance environmental resistance and reduce reliance on chemical interventions. As agricultural systems face challenges from increases in global demand and climate change, IPM practices must adapt to ensure continued efficacy. A critical aspect of IPM is its role in biodiversity conservation. Invasive pest species pose significant threats to native ecosystems, making effective pest management crucial for successful ecological restoration. Different IPM approaches, from suppression to eradication of invasive pests, have been shown to impact biodiversity positively across various trophic levels. This Special Issue will examine how innovative pest management strategies contribute to ecological health and the preservation of biodiversity.

Guest Editors

Dr. Rassol Bahreini

Dr. Cameron Jack

Dr. Isaac Esquivel

Dr. Vahid Ghasemi

Deadline for manuscript submissions

closed (30 April 2026)



Diversity

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.0



mdpi.com/si/218876

Diversity
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diversity@mdpi.com

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





Diversity

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.0



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



About the Journal

Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

Editor-in-Chief

Prof. Dr. Michael Wink

Institute of Pharmacy and Molecular Biotechnology, Heidelberg
University, Im Neuenheimer Feld 329, D-69120 Heidelberg, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Biodiversity Conservation) / CiteScore - Q1
(Agricultural and Biological Sciences (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).