

## 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

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Dr. Cameron Jack

Dr. Isaac Esquivel

Dr. Vahid Ghasemi

### Deadline for manuscript submissions

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## Diversity

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## 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).

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