

## Special Issue

# Sustainable Beekeeping: Strategies for Enhancing Bee Stress Resistance

### Message from the Guest Editors

This Special Issue systematically explores the key factors affecting bee health by integrating the latest research advances across multiple disciplines—including nutrition, physiology, ecology, genetics, technology, behavior, and socioeconomics—and proposes a comprehensive strategy to enhance bees' stress resistance in response to the ecological and agricultural crises caused by their global decline. We seek interdisciplinary contributions highlighting cutting-edge research in sustainable solutions. We are interested in technology-driven solutions for hive health monitoring and nutritional optimization, as well as studies that enhance the value of bee products through nutritional profiling, bioactive compound extraction, and standardized quality and safety protocols. Additionally, we encourage contributions on field-validated sustainable apicultural practices. We also invite analyses of policy frameworks that promote pollinator conservation, aiming to advance ethical and scalable approaches that ensure bee health, ecosystem stability, and the long-term viability of apicultural value chains.

### Guest Editors

Dr. Ying Wang

Dr. Xuepeng Chi

Dr. Rongfang Wang

Dr. Zhenguo Liu

### Deadline for manuscript submissions

25 December 2025



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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