

## Special Issue

# Optimizing Insect Trap Systems: Advances in Lures, Dispensers, and Field Performance

### Message from the Guest Editors

Effective trap systems are essential for global integrated pest management (IPM) programs. They contribute to pest surveillance, the early detection of invasive species, and mass trapping. While extensive research has focused on discovering and synthesizing attractive semiochemicals, trap performance depends on multiple interconnected components, including lure chemistry, dispenser design, trap architecture, and the performance of these elements under field conditions.

This Special Issue aims to combine cutting-edge research on any aspect of insect-trapping systems, from novel lure development and formulation technologies to innovations in dispenser materials, trap designs, and field validation. We welcome interdisciplinary contributions that combine chemical ecology, entomology, materials science, and applied pest management.

By advancing our understanding and integration of these components, we can develop more efficient, cost-effective, and sustainable tools for pest control. We invite the submission of original research articles, reviews, and case studies that contribute to this growing and impactful field of study.

### Guest Editors

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### Deadline for manuscript submissions

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#### Editor-in-Chief

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