

## Special Issue

# Vector–Pathogen Interactions in a Changing World: Implications for Biodiversity and Conservation

### Message from the Guest Editors

This Special Issue brings together ecology, conservation biology, and One Health perspectives to explore the context dependence of vector–pathogen–host interactions and their effects on species variability, ecosystem services, and environmental resilience. We especially encourage submissions that examine these interactions in biodiversity hotspots, protected areas, fragmented landscapes, and rapidly urbanizing regions—particularly in the Global South, where conservation challenges, urban growth, and neglected diseases often converge.

Topics may include (but are not limited to) the following:

- The role of vector-borne diseases in wildlife population dynamics;
- Climate-induced shifts in vector distribution and emergent disease risks;
- Spillover effects between wildlife, domestic animals, and humans;
- Host immune responses in conservation-relevant species;
- Integrating vector ecology into conservation area management;
- Surveillance tools and molecular approaches to track vector–pathogen interactions;
- One Health approaches to conservation and environmental sustainability;
- Conservation strategies to mitigate zoonotic spillover.

### Guest Editors

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### Deadline for manuscript submissions

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## Conservation

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## About the Journal

### Message from the Editor-in-Chief

*Conservation* provides an advanced forum for conservation studies, including biodiversity and environment conservation, resource recycling, conservation and sustainable management, conservation planning and governance, conservation ethics and ecology, creative and multidisciplinary solutions for conservation and restoration, as well as heritage conservation and restoration. In addition, we welcome submissions highlighting transdisciplinary advances in the science and practice of conservation, with application in management and policy decisions. We hope that the advantages of open access, high-quality standards, and rapid publication will encourage scientists and practitioners to choose *Conservation* as a venue to disseminate their research.

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### Editor-in-Chief

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