

Special Issue

Toxicological Impacts of Pesticides on Aquatic Species: Mechanisms, Assessments, and Mitigation Strategies

Message from the Guest Editors

Aquatic ecosystems are particularly vulnerable to pesticide contamination, which can have profound impacts on aquatic species, including fish, crustaceans, and other non-target organisms. This Special Issue aims to explore the multifaceted toxicological effects of pesticides on aquatic species, delving into molecular, physiological, and behavioral disruptions. Emphasis will be placed on understanding the mechanisms of toxicity, assessing environmental risks, and identifying potential mitigation strategies. Contributions are welcome from researchers across disciplines, including ecotoxicology, environmental chemistry, aquatic biology, and fisheries science. This Special Issue seeks to highlight recent advancements in experimental and computational approaches, policy implications, and sustainable solutions to reduce the impacts of pesticide pollution on aquatic ecosystems.

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About the Journal

Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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