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Evaluating the Influence of Environmental Variables on Fish Ecology and Diversity

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Message from the Guest Editors

Fish are an incredibly diverse group of animals that live in both freshwater and saltwater environments. They play a vital role in maintaining the health of ecosystems and are an important source of food and income for millions of people around the world. Despite their ecological and economic importance, fish and their habitats are facing numerous threats, including overfishing, pollution, habitat destruction, invasion by non-native species and climate change. This has led to the decline of many fish species and an overall reduction in fish diversity. To ensure the future of fish populations and the services they provide, it is vital we take action to conserve them. However, conservation efforts are often hampered by a lack of understanding of the complex dynamics of fish populations or communities and the challenges they face.

This Special Issue highlights the current understanding of the role of environmental variables in shaping fish populations and their habitats. We invite manuscripts that focus on the effects of different factors, including anthropogenic disturbance, water quality and temperature and other variables on fish species and communities.



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Special Issue



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Message from the Editor-in-Chief

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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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