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Invasive Species as Game-Changers of Aquatic Ecosystems

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Message from the Guest Editors

Invasive alien species (IAS) are an increasing issue in our anthropogenically altered and coalescing world, especially in freshwater ecosystems. On the other hand, they offer the possibility of studying evolution and speciation in a seminatural contemporary "experiment". In addition, IAS compromise the chance to deeply analyze the effect of man-made forces on real-time evolution in an ad hoc manner. Particularly rapid local adaptation and differentiation are characteristics that may trigger successful invasions.

IAS have become a branch of biological research; however, many aspects are still to be investigated: This Special Issue is intended to give insights into previous findings but also to reveal gaps in our current knowledge, to serve as a warning regarding non-native species' spread, and to reveal hidden possibilities of this underexplored research branch, especially in aquatic ecosystems.



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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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