

Special Issue

Biological Invasions in a Changing World, from Biodiversity Assessment to Ecosystem Functions

Message from the Guest Editors

In marine ecosystems, there are more and more reports of new alien species, especially in transitional environments where human activities are more intense, outlining routes and introduction pathways that often see fouling communities as a fertile ground for invasions. The vulnerability of the habitats, the ecological and biological drivers that favor the success of the newcomers, and the responses to the invasions of the native community represent the challenges to be faced. Novel environments offer novel opportunities, and plasticity may represent a significant advantage when dealing with new challenges. Invaders are a non-random subset of the source population, and individual differences have substantial ecological and evolutionary importance, also playing a key role in biological invasions.

In this Special Issue, we invite the submission of contributions that address the alien issue in aquatic ecosystems from multiple points of view, including specific interactions, adaptation, patterns of introduction and expansion, responses of biological communities, influence on ecosystem functions and services, etc.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2022)



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Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

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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