

Special Issue

Aquatic Alien Invasions and Their Impact on Biodiversity and Ecosystem Services

Message from the Guest Editors

Alien species and especially invasive alien species (IAS) are collectively among the major drivers of change that can negatively affect biodiversity, ecosystem functions and services, and human health. Aquatic ecosystems suffer greatly from such invasions, with alien species being transported from one water body to another through a wide variety of pathways. Moreover, invasions of the aquatic realms are difficult to reverse, as eradication can be rarely conducted, especially in marine ecosystems or wider and complex inland water bodies. Even though biological invasions have been monitored and recorded, their impacts on biodiversity and ecosystem services have not been thoroughly addressed. The aim of the present Special Issue is to compile state-of-the-art work that documents IAS impacts and provide tools for understanding, evaluating, and mitigating their effects on biota and aquatic services.

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