Management and Control of Invasive Aquatic Animals

Guest Editor:

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Deadline for manuscript submissions:
closed (28 February 2022)

Message from the Guest Editor

Biodiversity is declining globally at rates unprecedented in human history, and aquatic environments are particularly threatened because they are more difficult to explore and manage. Invasive species are among the leading threats to native wildlife. Approximately 42% of threatened or endangered species are at risk due to invasive species. The actual understanding of invasive aquatic species distribution is a pivotal requirement for conservation management. Early detection protocols and spread monitoring alongside management plans are among the crucial actions to be undertaken to reduce the impact of invasive species.

For this Special Issue, review and research papers are invited from scientists working on diverse branches of aquatic conservation sciences to collect the most recent studies on the control and management of both marine and freshwater invasive species. Potential topics include, but are not limited to: Application of molecular tools for the assessment of aquatic invasive species, eDNA and DNA barcoding and metabarcoding applications, biological records of invasive aquatic species, and ecology surveys to assess the impact of invasive species.

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Special Issue

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Message from the Editor-in-Chief

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