



water

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Urban and Freshwater Ecology

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Message from the Guest Editors

Biodiversity is declining worldwide, with particularly significant reductions in freshwater fauna and flora. With continuing anthropogenic pressures linked to urbanisation, established and emerging pollutants and multiple stressors likely to continue, biodiversity loss and species extinctions are expected to increase in the future. Increasing our understanding of urban freshwater ecosystems will enable more effective management and conservation measures to be developed and for the implementation of detailed national and international conservation policy.

Thus, papers submitted to this Special Issue will help to infill gaps in our understanding of the effects of urbanisation upon freshwater ecosystems at all scales of the ecological community, and how negative impacts may be avoided, mitigated or compensated. Topics may be empirical or applied and may include but are not limited to genetic, taxa and habitat/ecosystem compositional, structural and functional diversity or topics of theoretical foundation such as disturbance regimes, succession, fragmentation and ecosystem structure and function, as well as remediation and restoration methods and monitoring.



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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