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Integrating Translational Ecology in Freshwater Systems

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Message from the Guest Editors

Translational ecology seeks to link ecological and environmental knowledge into policy and decision-making processes. Effective translational ecology promotes interdisciplinary science and integrates modern thinking and tools and methods to improve the uptake of scientific outputs in effective and transparent decision-making and policies. Freshwater systems across the world are being increasingly managed for multiple benefits, with attempts to balance a broad range of stakeholder interests. Climate change, land use intensification, and population growth further complicate the sustainable management of freshwater systems. While significant scientific advances have been made, especially in the capability to model, predict, and quantify aspects of ecological significance, the field of translational ecology is largely nascent, providing ample opportunities for innovation and the opportunity for engaging with the problem from a different perspective. [...]

For further reading, please follow the link to the Special Issue Website at:

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Special issue



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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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