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## Application of Hydraulic and Water Quality Models in Support for Ecosystem Management and Restoration

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Deadline for manuscript  
submissions:

**closed (9 September 2022)**

### Message from the Guest Editor

A wide variety of hydraulic and water quality models has been developed and applied to streams, rivers, lakes, reservoirs, and coastal water bodies in support of ecosystem management and restoration, with integrated hydraulic and water quality models routinely used today to support regulatory, management, and restoration decision making. Since these models are used to solve a variety of ecosystem problems, they vary considerably in their capability and complexity, from being single-parameter to multi-parameters, from a steady-state model to a dynamic model, from a decoupled hydraulic and water quality model to the fully coupling model, and from a zero-dimensional model to a multi-dimensional model. For this Special Issue, we encourage the submission of manuscripts especially focusing on the application of hydraulic and water quality models to water bodies, with the aim of solving unique ecosystem problems in support of overall ecosystem management and restoration.

For more details, please find 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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