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Novel Applications of Surface Water–Groundwater Modeling

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Message from the Guest Editors

Recently, a surface water–groundwater combination model has been developed and applied in various ways. However, each model has different characteristics and different purposes of interpretation. The purpose of this Special Issue is to seek deeper insights by collecting new applications of integrated models that are developed for various purposes. These can include river–groundwater interactions, the reduction in river water due to groundwater withdrawal, the reduction in groundwater level due to a decrease in river water volume, and evaluation of the water balance of the watershed. In addition, it is expected that the connection modeling between the flow of groundwater–surface water and solute transport will be important. The groundwater-dependent ecosystem and hyporheic flow modeling are two of the main topics.

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

https://www.mdpi.com/journal/water/special_issues/1RNU674RPM

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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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