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Groundwater-Surface Water Interactions

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Deadline for manuscript
submissions:

closed (30 September 2019)

Message from the Guest Editors

Waters and aquifers are integral components of a surface–subsurface continuum. However, there is a lack of mechanistic understanding and standardized methods with which to approach the processes involved. And, interactions between surface and subsurface water take place in a range of different marine and freshwater systems, but the potential to transfer technologies and approaches, as well as the resulting knowledge and process understanding of other fields, has not been adequately exploited.

The aim of the Issue is to integrate novel outcomes from interdisciplinary research on groundwater–surface water interactions, and to thus offer a platform with which to collectively present research outcomes on groundwater–surface water interactions without the restrictions of scope, scale, and scientific field. Experimental, modelling, or conceptual studies on river, lake, and marine ecosystems and their interactions with underlying aquifers are welcome. We are especially interested in topics of environmental and societal relevance such as eutrophication, retention of legacy, and emerging pollutants, invasive species, urban water interfaces, and climate change impacts.



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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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