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Streamflow/Runoff and Sediment Discharge Changes under Climate Change and Anthropogenic Activities

Guest Editor:

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Deadline for manuscript submissions:

closed (30 June 2022)

Message from the Guest Editor

Rivers are major pathways for delivering water and sediment to oceans. The runoff and sediment discharges in rivers reflect the water resources and soil erosion in the basin. With climate change, land use, and other human activities, the ecological environment has undergone significant changes. This has led to significant changes in streamflow and sediment discharge in rivers and catchments around the world. Understanding the changes in runoff/streamflow and sediment discharge can help us to manage catchments or river basins, evaluate the effects of various factors on runoff/streamflow and sediment transport, and guiding the future protection of water resources and soil erosion. This [Special Issue](#) aims to invite contributions that explore the processes in, mechanisms of, and reasons for streamflow/runoff and sediment discharge changes under climate change and anthropogenic activities.



mdpi.com/si/79294

Special Issue



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Editor-in-Chief

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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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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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