



water

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Water Energy Use of Rivers in the Historical Context and Water Return to the (Urban/Agricultural) Landscape

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Message from the Guest Editor

Dear Colleagues,

Water was one of the first types of energy that humanity encountered and that man began to produce in real life. Water at that time seemed inexhaustible, and industry and transport had a significant impact on the use of water resources. Gradually, there were modifications of watercourses, construction of canals, as well as construction of various types of water areas. Changes in land use and land cover (LULC) in the wider environment are linked to these processes, which can lead directly or secondarily to water impacts. The effects of climate change and LULC on hydrological processes and water resources are likely to continue to increase, especially in arid and semi-arid areas characterized as vulnerable. The current trend is to capture as much water in the landscape as possible for as long as possible. The global trend is the return of water elements to the urban environment. [...]

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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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