



water

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Fluvial Geomorphology, River Management and Restoration

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editor

The objective of this Special Issue is to provide the reader with information on recent advances in fluvial geomorphology, fluvial landscapes and river management studies. Research papers related to the response of fluvial landform induced by physical processes, in long- to short-term evolution, are expected. Particularly, articles on the relationship among climate change, tectonic activity, and base level variations in fluvial landscape geomorphological long-to-short term evolution will be welcome.

Human activities has led to a modification of geomorphological, hydrological, and biological factors in fluvial systems. The high loss of life and infrastructures due to high-magnitude events in the fluvial environment make detailed studies on river restoration and management particularly suitable. Contributions dealing with fluvial response estimation in river management are of particular interest for publication; papers related to fluvial contexts before/during/after a high-magnitude event are also welcome. Moreover, papers on the self-purification capacity of river catchments are welcome in the light of pollution due to anthropic activities.



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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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