



water



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Fluvial Systems and River Geomorphology

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Message from the Guest Editor

Fluvial drainage basins cover a significant portion of the Earth's surface, and fluvial processes are crucial for shaping terrestrial landscapes. Fluvial systems play a major role in sediment connectivity from upland areas to oceans, affecting water resources, stream ecology, natural hazards and ecosystem services for mankind. As rivers convey water, eroded sediments, solutes and nutrients from the uplands and continents to the oceans, they exert fundamental control over the shape of the Earth's surface. Accordingly, river systems are central to an understanding of the geomorphology of most terrestrial regions on the Earth.

In recent years, significant methodological and technological advances have provided the opportunity to study and quantify fluvial processes, fluvial landforms, and process–form interactions in great detail and high resolution across a wide range of different spatial and temporal scales.



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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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