

Special Issue

Landscape Dynamics and Fluvial Geomorphology

Message from the Guest Editors

The evolution of drainage landscapes as well as the processes of weathering and terrestrial erosion have changed significantly due to tectonic movement, climate change, human activities and so on. The equilibrium state of sediment transportation in rivers is also disturbed as a result. Although river systems generally alter their landform to respond and adjust to these changes, it is necessary to study the dynamical process of fluvial geomorphology evolution. With the development of dating, satellite photogrammetry, and numerical simulation technology, we can gain a scientific perception of landscape evolution. However, the dynamical mechanism of this process is still unclear. In order to further understand the evolution process as well as improve the theoretical system of river geomorphology, we are planning a Special Issue to showcase the latest scientific research on landscape dynamics and fluvial geomorphology. The potential topics include, but are not limited to, the following:

- Valley development and its response to tectonic and climatic events.
- Paleohydrology and its research methods.
- River channel change during past decades.....

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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