

Special Issue

Sediment Transport and River Morphology

Message from the Guest Editors

- This Special Issue of *Water* calls for innovative research papers on the following topics:
- Impacts of climate changes on rainfall/runoff and sediment production/transport intensity;
- Fluctuating flow and sediment yields;
- Reservoir longevity issues and the necessity of upgrading and retrofitting aging dams;
- Impacts of dams on the downstream river conditions;
- Impacts of flood and sediment supply on morphological changes;
- Impacts of large woody debris on river morphology;
- Spatiotemporal dynamics of suspended sediment and the associated morphological changes;
- Impacts of morphological changes on flood risk;
- Sediment erosion and deposition processes;
- Grain size distribution and riverbed morphological characteristics;
- Understanding and predicting the changes in river morphology due to both natural and anthropogenic components;
- River morphology and river restoration projects;
- Riverbed incision, bank erosion, and coastal erosion;
- Quantification of the eco-morphological responses.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)



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About the Journal

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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