

Sediment Transport and River Morphology

Guest Editors:

Message from the Guest Editors

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





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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

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