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Assessment of Suspended Sediment and Associated Pollutant Transport at the Catchment Scale

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Message from the Guest Editor

In many rivers, suspended sediment and associated pollutants have been identified as leading causes of river impairment. Therefore, a deeper understanding of suspended sediment and associated pollutant transport mechanisms and dynamics, as well as an accurate quantification of their fluxes, is important for sustainable water and sediment management purposes.

In this Special Issue, papers that investigate suspended sediment (and associated elements) transport at catchment scale are welcome. Papers should improve our knowledge of factors controlling particulate element transport mechanisms across different landscapes and provide robust diagnoses and guidelines to decision makers. We especially encourage contributions dealing with long-term monitoring datasets, comparative studies, and those that attempt high-resolution monitoring across multiple temporal and spatial scales. In addition, we welcome studies using new technologies and innovative methods for monitoring particulate elements and those investigating the impact of global change on sediment (and associated pollutants) transport by rivers.



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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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