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Sediment Transport, Budgets and Quality in Riverine Environments

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Message from the Guest Editors

Dear Colleagues,

We invite you to contribute to this Special Issue, entitled “Sediment Transport, Budgets and Quality in Riverine Environments”.

Sediment transport is one of the key topics in the field of river hydrology. Sediments supplied into river networks and the subsequent movement of particles from source to sink is determined by a complex of natural and anthropogenic processes that change over time and are irregularly distributed in river basins. River sediments carry tremendous quantities of chemicals that act as the main cause of pollution in the recipient lakes and seas. Technological advancements have enabled growth in the current science and technology associated with monitoring, measuring and modelling erosion, sediment transport, deposition and sediment yield and the interrelationships between these aspects and the environment. Novel studies devoted to understanding the main sources and fate of sediment transported via rivers have been conducted in various regions. [...]

For further reading, please follow the link to the Special Issue Website at:

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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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