Special Issue

Cohesive Sediment Transport Processes

Message from the Guest Editor

Cohesive sediments play a major role in the transportation of contaminants and nutrients in aquatic environments. A thorough understanding of the transport processes of cohesive sediments is essential for the development of ecosystem models that can predict the transport, fate and bioaccumulation of highly toxic and persistent chemicals generated from industrial, agricultural and urban developmental activities in a river basin. Transport processes include flocculation, erosion, deposition, consolidation, entrapment and bio-stabilization, just to name a few. Cohesive sediment transport processes have been the subjects of intense research for over a century, and much progress has been made on processes such as flocculation, erosion, deposition and consolidation. However, more research is still needed for processes such as entrapment and bio-stabilization. In order to highlight the progress on cohesive sediment transport processes research, we are assembling a Special Issue to publish high-quality research papers that improve the state-of-the-art in this area. We invite the submission of original research articles and review papers outlining the progress in these processes.

Guest Editor

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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

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