Special Issue

Recent Advances in Soil Erosion and Sedimentation: From the Hillslope to Watershed

Message from the Guest Editors

Much of the soil erosion and sedimentation research is currently incorporated in a variety of soil erosion and hydrology models differing in their conceptual framework and scale of modeling. Nevertheless, fundamental challenges remain to be overcome before we achieve a complete and rigorous understanding of the complex processes governing the mobilization and transport of water and sediment in the landscape. This Special Issue will present scientific contributions on conceptual, experimental, and monitoring studies of soil erosion and deposition processes at scales varying from the hillslope to the landscape. Topics of interest include, but are not limited to: (1) new conceptual frameworks for modeling erosion across scales; (2) scaling and connectivity of sediment along the landscape continuum; (3) use of novel or emerging technologies to study and/or map erosion and deposition; (4) transient surface conditions and factors affecting soil erodibility; (5) erosion and deposition in heavily managed agricultural systems; (6) erosion and deposition measurement in understudied regions; (7) climate change and soil erosion; and (8) coupling between wind and water erosion.

Guest Editors

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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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