Special Issue

Natural Ecosystems Management and Mountain Engineering Works as Tools for Runoff and Sediment Yield Control

Message from the Guest Editors

This Special Issue addresses the subject of controlling runoff and sediment transport in mountainous areas through rational management of natural ecosystems and the establishment of small-scale mountain engineering works. These solutions are likely to protect both natural ecosystems and the downstream built environments for the benefit of society. This coverage anticipates an important boost to the current state-of-the-art research on runoff and sediment yield regulation at various spatial scales. We welcome research and synthesis contributions that emphasize and present the latest advances on issues such as natural ecosystem and arable land intelligent management, bio-engineering works on arable lands, instream regulation works, check-dam modeling, retention basin and stock pond planning, post-fire rehabilitation treatments, policy measures to conserve water and soil, works at headwaters and hillslopes, wise reforestation templates, riparian vegetation management, proper road planning for sediment and water yield control, smart grazing patterns, and landslide prevention techniques. Dr. Myronidis Dimitrios

Guest Editors

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Dr. Sopan Patil

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Deadline for manuscript submissions

closed (4 July 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/41774

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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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