

Special Issue

Hydraulics and Hydrodynamics of Overland Flow—Catchment, Subcatchment, Plot Scale and Experimental Approach

Message from the Guest Editor

We invite you to submit a paper to the Special Issue titled 'Hydraulics and Hydrodynamics of Overland Flow—Catchment, Subcatchment, Plot Scale and Experimental Approach'. The hydraulics and hydrodynamics of overland flow conditions are still poorly recognized in the literature. The vast literature on soil erosion rarely addresses physical processes associated with water flow on slope and in homogeneous catchments of low hydrological order. There is a particular lack of work presenting the results of field investigation documenting the different phases and mechanisms of slope water flow from the moment of crossing the surface detention phase. We expect articles concerning the hydraulic and hydrodynamic conditions of overland flow and their individual forms, such as linear flow and sheet flow in slope systems. We are especially interested in submissions concerning the boundary conditions of slope flow and the hydraulic regime of flow in prerills, erosional rills, and flow in episodic channels or ephemeral gullies.

Guest Editor

Dr. Grzegorz Janicki

Faculty of Earth Sciences and Spatial Management, Maria Curie-Skłodowska University in Lublin, Lublin, Poland

Deadline for manuscript submissions

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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

Dr. Jean-Luc PROBST

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