

Special Issue

Monitoring and Assessment of Suspended Sediment Transport at Catchment Scale

Message from the Guest Editors

In many rivers, suspended sediment has been identified as one of the leading causes of river impairment. Therefore, a deeper understanding of suspended sediment transport mechanisms and dynamics, as well as an accurate quantification of suspended sediment fluxes, is important for sustainable water and sediment management purposes. In this Special Issue, we invite papers that investigate suspended sediment transport at catchment scale. Papers should improve our knowledge on factors controlling suspended sediment transport mechanisms across different landscapes and provide robust diagnoses and guidelines to decision makers. We especially encourage contributions dealing with long-term monitoring datasets, comparative studies, and those that attempt high-resolution monitoring across multiple temporal and spatial scales. In addition, we welcome studies using new technologies and innovative methods for monitoring suspended sediment transport, and those investigating the impact of global change on sediment transport by rivers.

Guest Editors

Dr. María Luz Rodríguez-Blanco

Área de Geografía Física, Grupo GEAAT, Campus de Ourense (UVigo), 32004 Ourense, España

Dr. Núria Martínez-Carreras

Luxembourg Institute of Science and Technology (LIST), Esch-sur-Alzette, Luxembourg, Luxembourg

Dr. Estela Nadal-Romero

Instituto Pirenaico de Ecología, IPE-CSIC, Zaragoza, Spain

Deadline for manuscript submissions

closed (20 December 2022)



Water

an Open Access Journal
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Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/41021

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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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(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
Toulouse, France

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