

Special Issue

Bridge Hydraulics: Current State of the Knowledge and Perspectives, 2nd Edition

Message from the Guest Editor

I invite you to submit your latest research findings in bridge hydraulics to a Special Issue of *Water* (ISSN 2073-4441), an open access journal (<https://www.mdpi.com/journal/water>). Submissions should advance the current state of knowledge or critically review existing models and practices. Floods and erosion processes are major causes of bridge damage and collapse worldwide. The field of ridge hydraulics examines the interactions between bridges and rivers or other water bodies. Many bridge collapses are caused by flowing water or waves eroding stream beds around pier and abutment foundations or by washing out bridge-approach embankments. Bridges are also vulnerable to river channel migrations and to alterations of riverbed morphology induced, for instance, by dams or upstream land-use changes. This Special Issue aims to collect recent research on bridge hydraulics, including, but not limited to, the following themes: (i) flow patterns at bridges; [...] More Information: https://www.mdpi.com/journal/water/special_issues/X485U4YA62

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Deadline for manuscript submissions

20 January 2026



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



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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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