Special Issue

Ecohydrological Dynamics and Impacts of Woody Debris in Rivers and Streams

Message from the Guest Editor

Instream large woody debris (LWD) is a critical component for aquatic ecosystem sustainability and function. LWD provides a structural habitat for aquatic biota, organic material and nutrients for aquatic food webs, geomorphological stability, and numerous other critical ecological services. This component of stream and riverine systems has historically been regarded as a barrier to navigation and thus a nuisance to be removed from rivers with resulting significant ecological cascades. Riparian vegetation that is necessary for LWD recruitment has also been cleared for urban and agricultural land development, reducing the available supply of riverine woody debris. Reservoirs and flood control systems have also reduced LWD recruitment and transport in riverine systems. Thus, LWD has often been overlooked in conservation management planning. This Special Issue of *Water* will explore the state of the research on LWD in rivers and streams. For further reading, please visit the **Special Issue Website**.

Guest Editor

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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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