

Special Issue

Aquatic Biodiversity and Forests

Message from the Guest Editors

Freshwater stream and wetland species are inherently connected to forested ecosystems because of the importance of riparian zones and the role of forests in maintaining water quantity, water quality, and habitat. Maintaining stream and wetland habitat connectivity and ecosystem functions at all spatial scales are essential for aquatic biodiversity conservation. This Special Issue of *Water* aims to showcase habitat conservation for fish, amphibians, invertebrates, and other aquatic and semi-aquatic species that depend on freshwater–forest connections. Manuscript themes may span aquatic ecosystem effects of forestry practices, riparian buffer efficacy and corridor designs, land-cover- and climate-change-related stressors, genetic tools for inventory and assessment, and ecohydrology applications for habitat planning. Submissions are encouraged on stream and wetland species that are at risk due to reduced freshwater–forest habitat connectivity and predictive tools that can be applied at multiple spatial scales to help to reduce loss of aquatic habitat and ecosystem function.

Guest Editors

Dr. Anne Timm

Dr. Susan Adams

Dr. Jason Dunham

Deadline for manuscript submissions

closed (31 December 2021)



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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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