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Restoration of Biodiversity in Streams and Rivers

Guest Editors:

Dr. Annette Baattrup-Pedersen
Aarhus University, Department of Bioscience, Vejlsoevej 25, DK-8600 Silkeborg, Denmark

Dr. Tenna Riis
Aarhus University, Department of Bioscience, Ole Worms Alle 1, DK-8000 Aarhus C, Denmark

Dr. Jes J. Rasmussen
Aarhus University, Department of Bioscience, Vejlsoevej 25, DK-8600 Silkeborg, Denmark

Deadline for manuscript submissions:
closed (30 August 2018)

Message from the Guest Editors

Dear Colleagues,

Conversion of natural ecosystems for promoting a rapidly-growing human population occurs at alarming rates, causing unprecedented rates of biodiversity loss and associated ecosystem services. Freshwater ecosystems are particularly threathened. These systems naturally host an extraordinarily rich, endemic, and sensitive biota, but over the last few decades, critical declines for several species have been recorded. Restoration of the natural properties of river and stream ecosystem is a widely practiced over the world. In this Special Issue, we aim to gather new findings on effects of restoration of streams and rivers on the abundance and viability of freshwater communities that can serve to guide future restoration efforts. We put special focus on the fate of species that have undergone severe declines over the last decades, including also IUCN-listed freshwater species. Knowledge on species-specific habitat requirements is a basic premise for successful restoration of habitats for these species. We therefore encourage research that include an evaluation of the extent to which restoration efforts have succeeded in creating suitable habitats for these species. ...

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Editor-in-Chief

Dr. Jean-Luc PROBST
ECOLAB, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, campus ENSAT, Auzeville Tolosane, France

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.

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Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/water
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𝕏@Water_MDPI