Special Issue

The Role of Carbon and Nutrient Cycling in Wetlands

Message from the Guest Editors

WETPOL is an international symposium bringing together wetland scientists, engineers, and practitioners working on wetland ecosystem services, including water quality improvement, climate regulation, and flood control. The aims of WETPOL 2021 are to improve our understanding of the role of wetlands in processing nutrients and contaminants, and to discuss and demonstrate how restored and constructed wetlands can contribute to ensure sustainable water management and resource recovery while mitigating the impacts of global climate change in the future. The Special Issue will invite articles addressing nutrient and organic carbon cycling and retention in artificial and natural wetlands via modeling approaches, field studies, and experiments. It will highlight the strategic role of wetlands in nutrient mitigation and sediment retention within river systems under current and future climate conditions. The Special Issue will, thus, contribute to our knowledge about the potential and limitations of nature-based solutions in water quality improvements in stream and river systems.

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Deadline for manuscript submissions

closed (15 April 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/83083

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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

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