

Special Issue

Remote Sensing for Eco-Environmental Monitoring and Assessment in Agricultural Watersheds

Message from the Guest Editor

Wetlands and forest ecosystems play a critical role in regulating hydrological processes. However, these ecosystems are increasingly threatened by climate change, land-use dynamics, and anthropogenic pressures. Recent advances in remote sensing technologies, cloud computing platforms, and machine learning techniques have enabled unprecedented opportunities for eco-environmental monitoring and assessment at multiple spatial and temporal scales. This Special Issue aims to bring together high-quality research that leverages satellite remote sensing, geospatial analysis, and data-driven approaches to monitor, model, and assess eco-environmental conditions in wetlands and forested regions. Contributions focusing on hydrological processes, ecosystem health, land-use and land-cover change, climate change impacts, and sustainability assessment are particularly encouraged. This Special Issue seeks to provide a comprehensive platform for researchers and practitioners to share innovative methodologies, case studies, and integrated frameworks that enhance understanding of eco-hydrological interactions and support evidence-based environmental management and policy development.

Guest Editor

Dr. Rituraj Shukla

Department of Civil, Environmental and Water Resource Engineering,
University of Guelph, Guelph, ON, Canada

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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