

Special Issue

Remote Sensing-Based Study on Surface Water Environment

Message from the Guest Editors

Water resources play an irreplaceable role in human survival and development. The deterioration of the water environment caused by human activities and climate change has caused significant harm to human health. Water environment monitoring is very important for formulating security management measures for water resources. Therefore, the application of advanced technology and methods in water environment monitoring is a current focus of research. In recent years, remote sensing (RS) has played an increasingly important role in surface water environment monitoring. Remote sensing covers a variety of applications, such as water storage, water quality, water level, hydrodynamics, flooding, and soil erosion. This has paved the way for an explosion in the use of remote sensing data, especially through the use of multisource remote sensing and novel modeling techniques. This Special Issue aims to present reviews and recent advances in research on the use of remote sensing and GIS in the water environment. Submitted manuscripts can be related to any use of remote sensing and/or GIS for[...] For more details, please see: https://www.mdpi.com/journal/water/special_issues/62GD0E7MS8

Guest Editors

Prof. Dr. Fei Zhang
Dr. Xiaoping Wang
Dr. Chenfeng Wang
Dr. Mou Leong Tan

Deadline for manuscript submissions

closed (1 February 2024)



Water

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Impact Factor 3.0
CiteScore 6.0



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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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