Special Issue

Remote Sensing in Hydrology and Water Resources Management

Message from the Guest Editors

In the last few decades, remote sensing (RS) technology has developed rapidly, which provides a means of observing hydrological and hydraulic state variables including precipitation, temperature, soil moisture, water levels, evapotranspiration, flood extent, flow velocity, river discharge, and land water storage over regional/global areas. All these variables could be the input files for integrated hydrodynamics or hydrological or hydrometeorological models to simulate and assess water resources and water-related issues, contributing to fully understand global- and regional-scale hydrological processes under climate change and human activities. Improved understanding of changes in global to regional and basin scale hydrological system is imperative to manage water resources sustainably. The objective of this special issue is to present reviews and recent advances of general interest that make use of remote sensing techniques in hydrology and water resources management. Manuscripts on all aspects related with remote sensing in hydrology and water resources management are welcome.

Guest Editors

Prof. Dr. Weili Duan

Dr. Shreedhar Maskey

Dr. Pedro Luiz Borges Chaffe

Prof. Dr. Pingping Luo

Prof. Dr. Bin He

Dr. Yiping Wu

et al.

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

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Message from the Editorial Board

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editors-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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