Special Issue

Remote Sensing of Water Resources in Semi-Arid Regions/Drought Areas

Message from the Guest Editors

The population and water demand are rapidly growing in the dryland regions of the world. More than 25% of the world's population, at least 1.5 billion people, currently live in areas with a physical scarcity of water. Arid and semi-arid regions occur in about 30% of the total land area of the world. This Special Issue provides an overview of state-of-the-art remote sensing techniques for analysing water resources in arid and semiarid regions. All research on the use of remote sensing for surface water hydrology, groundwater hydrology, flood extent, soil moisture, water quality, evapotranspiration estimation, and the calibration and validation of hydrological modelling are welcome.

Guest Editors

Prof. Dr. Martin Kappas

Division of Cartography, GIS and Remote Sensing, Faculty of Geoscience and Geography, Georg-August University Goettingen, 37077 Goettingen, Germany

Dr. Ammar Rafiei

Institute of Geography, Department of Cartography, GIS & Remote Sensing, University of Göttingen, Goldschmidt Street 5, 37077 Goettingen, Germany

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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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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.

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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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