





an Open Access Journal by MDPI

Hydrological Modelling Based on Satellite Observations

Guest Editors:

Dr. Hongxing Zheng

Land and Water, CSIRO, Canberra, ACT 1700, Australia

Dr. Ruirui Zhu

Mathematical Sciences Institute, College of Science, Australian National Unviersity, Canberra, ACT 2601, Australia

Deadline for manuscript submissions: **closed (20 May 2024)**

Message from the Guest Editors

Manuscripts submitted to this Special Issue are encouraged to focus on: (1) novel hydrological models driven mainly by remotely sensed data; (2) new model calibration or data assimilation approaches based on multiple satellite observations; (3) inspiring satellite-observation-based modelling practices in tracking regional/global hydrological cycles; (4) flood or drought modelling by incorporating high-resolution satellite observations; (5) comprehensive evaluation of the remotely sensed data for hydrological modelling; (6) reviews on the potential and limitations of satellite observations in hydrological modelling.











an Open Access Journal by MDPI

Editor-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

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us