

Special Issue

Advances in Hydrologic and Water Quality Modeling of Water Systems

Message from the Guest Editors

This Special Issue invites a broad range of papers related to advances in hydrologic, hydrodynamic, and water quality modeling in watersheds. Of particular interest are innovations in the application of remote sensing (e.g., aerial or satellite) at any stage of model development and use, model calibration, validation, sensitivity & uncertainty analysis, assessment of ecological and socioeconomic challenges, trans-jurisdictional water system modeling, impacts of climate change and other nonstationary stressors, and integrated system modeling (e.g., hydrologic/ecological/social/economic systems interactions). Articles on basic research, reviews, and case studies are invited. Articles should highlight or suggest advances from the current state-of-practice. The Special Issue is of interest to a broad range of audiences, including hydrologists, scientists, practitioners, regulators, engineers, geologists, policymakers, and modelers.

Guest Editors

Dr. Saurav Kumar

Dr. Vamsi Krishna Sridharan

Dr. Ebrahim Ahmadisharaf

Deadline for manuscript submissions

closed (31 October 2021)



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/56548

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

mdpi.com/journal/

[land](https://mdpi.com/journal/land)





Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



[mdpi.com/journal/
land](https://mdpi.com/journal/land)



About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and Geography, Department Sustainable Landscape Development, University of Halle, Von-Seckendorff-Platz 4, 06120 Halle, Germany

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SSCI (Web of Science), PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)