

Special Issue

Remote Sensing Applications for Flood Forecasting and Flood Risk Management

Message from the Guest Editors

The world has suffered from an increased frequency of flood disasters under the changing climate, and the economic losses caused by flood disasters are rapidly increasing. To adapt to the climate change and the frequent natural disasters, our global researchers need to pay additional attention to the disaster prevention, mitigation, and relief capabilities. Flooding has become the main restriction factor for the sustainable development of human society and economy. In order to address this critical research challenge, remote sensing technology has been used to monitor the status and evolution of floods and to provide reference data for improving the flood emergency response capability and disaster risk management level. The proposed Special Issue focuses on popularizing the latest research results related to the applications of remote sensing technology in the field of flood risk prediction and management, so as to reduce the impacts of flood disasters and to ensure the sustainable development of urban and river basins and the economy, society, and the environment.

Guest Editors

Prof. Dr. Pingping Luo

Dr. Ahmed Elbeltagi

Prof. Dr. Binaya Kumar Mishra

Dr. Reza Hassanzadeh

Prof. Dr. Van-Thanh-Van Nguyen

Dr. Baofu Li

Deadline for manuscript submissions

closed (30 September 2023)



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/158323

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)