Special Issue

Hydrometeorological Prediction and Mapping

Message from the Guest Editors

With global warming and the acceleration of the global water cycle, hydrometeorological extreme events like flood and drought have become more and more frequent, and induce risks to human settlements, especially in an era of rapid population growth. Predicting and monitoring the occurrence, intensity, and evolution of these hydrometeorological events have therefore become important for disaster responses, mitigation, and management to save lives and reduce economic losses. We hope this session will contribute to hydrometeorological prediction from modeling and mapping from remote sensing observations, such as flood and drought, and related variables, including precipitation, land surface temperature, evapoatranpiration (ET), stream flow/runoff, soil moisture, snow/ice cover, etc., to foster hydrometeorological forecasting, monitoring, and impact assessment to strengthen preparedness and responses and reduce hydrometeorological disaster losses. We solicit contributions from modeling and remote sensing, hazard response, and preparedness fields that study hydrometeorological hazards across spatial scales.

Guest Editors

Prof. Dr. Donglian Sun
Prof. Dr. Paul Houser
Prof. Dr. Yongwei Sheng

Deadline for manuscript submissions

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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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