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Remote Sensing Applications for Flood Forecasting and Flood Risk Management

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Deadline for manuscript submissions:
30 June 2024

Message from the Guest Editors

Dear Colleagues,

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.

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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.

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