Special Issue

Advances in Earth Observation to Improve Flood Disaster Monitoring and Management (Second Edition)

Message from the Guest Editors

In the context of increasingly larger and more disastrous flood events, Earth observation plays a role of primary importance in the relative risk monitoring and management. During the emergency phases related to the occurrence of such events, the authorities' decision-making process inevitably occurs via the analysis of information retrieved by main optical and microwave satellite sensors. Their ability to observe large areas in a short time allows for prompt and effective action being taken to both safe human lives and reduce the damages to properties and the environment. Remote sensing technologies and techniques have greatly improved in recent years, providing increasingly accurate and efficient information. This Special Issue will accept studies regarding advances in Earth observation for flood detection, monitoring, and management via satellite data acquired from different optical and microwave sensors. Works using advanced satellite based techniques, in situ modeling methodologies, and machine learning are welcomed.

Guest Editors

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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.

Editor-in-Chief

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