Special Issue

Sensing Technology for Flood Monitoring and Forecasting

Message from the Guest Editors

In recent years, with the rapid development of information technology, more and more emerging technologies have been applied in water resource management, such as remote sensing (RS), Artificial Intelligence (AI), the Internet of Things (IoT), intelligent image recognition, etc. These technologies can be directly applied to the monitoring of hydrological variables and can also be indirectly applied to hydrological modeling, providing technical support for flood forecasting and warning in a basin. This Special Issue is aimed at representing the latest advances on current efforts to aid advancing flood monitoring and management through new sensing technologies. We welcome contributions in all fields of remote sensing, flood modeling, flood monitoring, including new systems, signal processing algorithms, as well as new applications. For more inforamtion, please visit: mdpi.com/si/60753

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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