Special Issue

Urban Flooding Monitoring Using Remote Sensing

Message from the Guest Editors

About half of humanity currently lives an urban environment, and in the future, the percentage of people living in an urban area will increase, especially in developing countries.

Floods are a major threat to urban areas, causing death and a considerable amount of damage to infrastructure. Nowadays, remote sensing data and techniques (e.g., high-resolution data from optical and SAR satellites, LIDAR, and UAV) provide essential help for mapping and studying urban floods. The flooding of urban areas, however, remains a big challenge for remote sensing techniques and researchers, involving complex topography, rapid changes, and river management action (e.g., new embankment) that must be detected and mapped to obtain quality flood assessment.

This Special Issue aims to collect papers on studies describing how remote sensing data and techniques inform and support the decision-making process in the different phases of the disaster management cycle.

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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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