Special Issue

Disaster Monitoring Using Remote Sensing

Message from the Guest Editors

Since it is difficult to accurately predict when, where, and how large a disaster occurs, it is an event that has a huge ripple effect on social and economic damage. In particular, natural disasters can be very large in scale. For such disaster monitoring, various kinds of satellite-based sensors, high-altitude photos and images of aircraft and drones, MMS (multiple mobile sensors), CCTV (closed-circuit television), etc. can be utilized. In addition, comprehensive situation awareness and decision support for disaster response can be provided by conducting various spatial analysis, including damage estimation, isolation site analysis, and evacuation route analysis, in connection with the recognition of disaster situations from such remote sensing information. In view of the development and consideration of remote sensing technology, this Special Issue will collect manuscripts on new technologies and solutions to image-based disaster information extraction that help with disaster monitoring and situational awareness. In addition, GIS analysis using remotely sensed information in relation to the recognition of disaster situations is included as a topic of interest.

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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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