

Special Issue

Advanced Remote Sensing Technologies for Disaster Monitoring

Message from the Guest Editors

For the last decade or so, there has been intense research activity regarding the exploitation of remote sensing technologies in disasters such as drought, extreme temperatures, earthquakes, cyclones, flooding, landslides, wildfires, etc. Climate change is affecting the occurrences of disasters, resulting in the higher vulnerability of regions to severe events. It is important to prevent, mitigate, and recover from disasters by monitoring these disasters using enhanced technologies. Remote sensing is one of such technologies that is suitable to effectively collect data on a large scale with varied spatial, spectral, and temporal resolutions. Many satellite's data has been employed to monitor disasters, identify the damage of disasters, and assess the recovery of disaster. This Special Issue invites state-of-the-art research on disaster monitoring using satellite remote sensing data. In this Special Issue, we expect to introduce various studies covering remote sensing technologies that can be applied in disaster monitoring.

Guest Editors

Dr. Seonyoung Park

Department of Applied Artificial Intelligence, Seoul National University of Science and Technology, Seoul 01811, Republic of Korea

Dr. Jong-min Yeom

Satellite Application Division, Korea Aerospace Research Institute, 169-84 Gwahak-ro, Daejeon 34133, Korea

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MDPI, Grosspeteranlage 5
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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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