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Advanced Remote Sensing Technologies for Disaster Monitoring, Volume II

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Deadline for manuscript submissions:
closed (20 September 2022)

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. 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 for effectively collecting data on a large scale with varied spatial, spectral, and temporal resolutions. Satellite data has been employed to monitor disasters, identify the damage due to disasters, and assess the recovery from 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.

- monitoring natural hazards
- landslides and land degradation
- climate change
- land use and land cover change
- typhoon
- droughts
- floods, and floodplains
- earthquakes
- tsunamis
- hazard and vulnerability assessments
- risk mapping and early warning systems

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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.

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