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Multimodal Remote Sensing and Artificial Intelligence Technologies for Disaster Prevention and Mitigation

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Deadline for manuscript submissions:
closed (15 March 2024)

Message from the Guest Editors

This Special Issue calls for articles that deal with innovative approaches to disaster emergency monitoring, risk assessment and predictive early warning using multimodal remote sensing (multispectral, hyperspectral, radar and thermal infrared) and artificial intelligence techniques or related case studies.

The disasters can cover a wider range of areas from natural hazards (earthquakes, landslides, mudslides, floods, fires, droughts and storm surges) to production safety accidents (mining accidents, hazardous chemical explosions and fires). Hence, submissions that focus on how multimodal remote sensing, artificial intelligence and other technological approaches can be effectively applied and assist in decision-making for the different stages of disaster prevention and mitigation, among other issues, are welcome.

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Message from the Editorial Board

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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