Special Issue

Recent Advances and Future Vision for Remote Sensing of Hazards in Cultural and Natural Heritage

Message from the Guest Editors

Cultural and natural heritage faces diverse threats from both natural and anthropogenic factors. Cultural heritage, encompassing archaeological sites, buildings, monuments, and natural heritage, including natural features, landscapes, biodiversity, and geodiversity, hold significant aesthetic, ecological, historical, and social values. This Special Issue aims to focus on the cutting-edge technologies and future perspectives in the applicability of remote sensing approaches to safeguard both cultural and natural heritage. It aims to highlight recent developments in satellite imagery, drone-based surveillance, LiDAR, and other advanced remote sensing techniques (e.g., aerial and terrestrial 3D photogrammetry, laser scanning, geophysics, sensors, and augmented reality) for detecting and monitoring hazards that threaten cultural and natural heritage. Various threats can be addressed, including the following:

- Environmental factors: climate change, chemical pollutants, and sea level rise.
- Natural disasters: earthquakes, landslides, wildfires, and floods.
- Human-induced challenges: urbanization, land use change, and atmospheric pollution.

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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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