Special Issue

Using Remote Sensing Satellites to Explore the Electromagnetic Environment and Natural Hazard Disturbances in Space

Message from the Guest Editors

This issue aims to take full advantage of current operating electromagnetism and other related remote sensing satellites (e.g., infrared, hyperspectral, GNSS, etc.), to study the electromagnetic environment in space and to explore natural hazard (e.g., earthquakes, volcanic eruptions, tsunamis, space weather events, etc.) monitoring methods and technology. At present, there are plenty of electromagnetism satellites (e.g., DMSP, NOAA, Swarm, CSES, FORMOSAT, COSMIC, etc.) operating in near-earth space, providing us with the multi-physical values to explore the near-space electromagnetic environment (the occurrence of the electromagnetic waves, the variation features of the plasma parameters and energetic particles, etc.). Based on the knowledge of the electromagnetic environment in space, we can study how to extract the anomaly information or precursors of natural hazards.

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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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