Special Issue

Remote Sensing of Global Environmental Change's Impacts on Ecosystem Resilience

Message from the Guest Editors

Remote sensing technologies provide indispensable, synoptic, and repeatable observations across vast spatial and temporal scales, making them uniquely powerful tools for detecting, quantifying, and predicting the impacts of global change drivers on ecosystem resilience. From satellite constellations offering global coverage to airborne and UAV-mounted sensors capturing high-resolution detail, remote sensing enables the tracking of key resilience indicators, disturbance responses, and recovery trajectories. This Special Issue aims to showcase cutting-edge research leveraging the full spectrum of remote sensing data (e.g., optical, LiDAR, radar, thermal, and hyperspectral data) and analytical techniques (e.g., time series analysis, machine learning, data fusion) to advance our understanding of the impacts of global environmental change on ecosystem resilience. We welcome the submission of studies across diverse biomes (forest, grassland, wetland, coastal, arid, urban, aquatic) and scales, addressing fundamental questions about how ecosystems resist, respond to, and recover from chronic pressures and acute disturbances.

Guest Editors

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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.

Editor-in-Chief

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