Special Issue

Advances of Optics Imaging Technologies for Environmental Remote Sensing

Message from the Guest Editors

This Special Issue highlights the latest advancements in optical imaging techniques that enhance environmental remote sensing data acquisition. We encourage submissions that discuss recent developments making optical imaging sensors more cost-effective and suitable for field deployment in environmental monitoring, including applications such as agricultural surveillance, pollution detection, and the monitoring of oceanic and marine ecosystems. We welcomes original contributions for a broad range of topics, including (but not limited to) the following:

- Novel optical spectral imaging sensors
- Novel optical polarization imaging sensors
- Compact optical imaging sensors for airborne observation
- Novel integrated optical imaging system for pollution monitoring and fugitive emission
- Low-cost optical sensors for remote sensing networks
- Novel optical imaging sensors for ocean environmental monitoring
- Novel optics and photonics for building optical imaging sensors
- The design and optimization of integrated optical imaging systems for environmental remote sensing
- Advanced manufacturing, calibration and data processing techniques for specific optical remote sensing systems

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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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