Special Issue

Advances in Infrared Observation of Earth's Atmosphere

Message from the Guest Editors

In the last half-century, observing system improvements have been driven by the increasing demands for higher-resolution data for numerical models and the need for long-term measurements and global coverage. This has resulted in a growing demand for data access and the integration of data from an increasingly wide variety of observing system types and networks, as well as for atmospheric observations from satellite platforms. With the increase in observations, there was an improvement in the quantification of climatic variables (greenhouse gases, clouds, and aerosols), weather variables (water vapor, temperature, wind, and cloud cover), and in monitoring air quality (particulate and gaseous pollution) or atmospheric chemistry (trace gases).

The Special Issue will present recent results in Advanced Infrared Observation of Earth's Atmosphere, including innovative applications for meteorology, climatology and atmospheric physics, and validation of retrievals based on independent measurements.

For more information:
https://www.mdpi.com/si/63219

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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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