

Special Issue

Remote Sensing of Atmospheric Aerosol Using Spaceborne Observations

Message from the Guest Editors

This Special Issue is aimed at the presentation of recent results aimed at the development of various observation systems for monitoring aerosol properties using spectral, polarimetric, dual-view and multi-angular optical instruments. The papers aimed at the description of new instrumentation for aerosol observation, and the description of modern aerosol retrieval techniques are especially welcome. Other topics to be considered are concerned with the retrieval of properties of thick aerosol plumes, simultaneous aerosol and cloud retrievals, and urban aerosol monitoring using spaceborne and ground-based optical instrumentation including lidar systems, which are of particular importance for aerosol monitoring during the night, when backscattered solar light spectral intensity and polarization cannot be used to retrieve aerosol properties.

Guest Editors

Prof. Dr. Jan Cermak

Dr. Alexander Kokhanovsky

Prof. Dr. Gerrit de Leeuw

Dr. Virginie Capelle

Deadline for manuscript submissions

closed (1 February 2023)



Remote Sensing

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CiteScore 8.6



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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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