

Special Issue

Aerosol and Atmospheric Correction

Message from the Guest Editors

The goal of this Special Issue is to discuss accurate retrieval and estimation of aerosol to help precise atmospheric correction and narrow down its uncertainty in climatic and environmental effect. Further, with the development of new technologies, such as high resolution and hyperspectral sensors as well as artificial intelligence, new ways of aerosol estimation and atmospheric correction are awaiting exploration. Therefore, we cordially invite our colleagues in the scientific community to submit their recent findings on “Aerosol and Atmospheric Correction” to this Special Issue of *Remote Sensing*. Potential topics include but are not limited to the following:

- Aerosol retrieval;
- Atmospheric correction;
- Radiative transfer;
- Surface–atmosphere signal decoupling;
- Aerosol estimation;
- Climatic and environmental effect of aerosol;
- Remote sensing image preprocessing;
- Artificial intelligence aid atmospheric correction;
- High-resolution image atmospheric correction;
- Hyperspectral image atmospheric correction.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)



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Message from the Editorial Board

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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