

## 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.

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### Guest Editors

Prof. Dr. Xingfa Gu

Dr. Jing Wei

Dr. Shuaiyi Shi

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### Deadline for manuscript submissions

closed (30 June 2024)



## Remote Sensing

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*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

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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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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