Special Issue

Satellite Remote Sensing of Atmospheric Aerosols for Air Quality Applications

Message from the Guest Editor

Over the last two decades, satellite retrievals of aerosols have advanced and are providing useful information on the state of air quality. This Special Issue will be focused on air quality monitoring and forecasting using satellite observations of aerosols over regional to global scales. Authors are encouraged to submit contributions that describe original research results of studies conducted using satellite derived aerosols products for monitoring as well as estimation and forecasting of PM2.5. Topics will include (but are not limited to): PM2.5 measurements and estimates from satellite and surface, regional trends of aerosol pollution, assimilation of satellite data into regional and global models for air quality studies, transport of aerosols, role of biomass burning, dust aerosols and anthropogenic emissions in air quality, boundary layer processes and their impact on satellite estimations, and physical and statistical modeling of air quality, population health and ecological impact assessments driven by satellite data.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2022)

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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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