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Atmospheric Correction of Remote Sensing Data

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Deadline for manuscript submissions:
closed (1 October 2018)

Message from the Guest Editors

Atmospheric correction of airborne and satellite data is of great importance for modern remote sensing data processing. This subject is of paramount importance for exploration of terrestrial surface (land and ocean) using airborne and spaceborne observations. Absorption and scattering of light by aerosols, thin clouds and atmospheric gases must be accounted for in procedures of atmospheric correction. Advanced cloud screening algorithms must be applied to have accurate and robust atmospheric correction results.

This Special Issue is aimed at the presentation of recent results in the general area of atmospheric correction of airborne and satellite measurements, the determination of terrestrial surface parameters, including validation of retrievals based on independent measurements.

- Atmospheric correction
- Radiative transfer
- Bidirectional reflectance distribution function
- Light scattering
- Surface reflectance
- Airborne remote sensing
- Satellite remote sensing
- Polarization

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Special Issue

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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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