

Special Issue

Remote Sensing of Land-Atmosphere Interactions

Message from the Guest Editor

This Special issue highlights the use of remote sensing to quantify and understand land-atmosphere interactions. We invite articles that integrate remotely sensed data with other techniques, including modeling and fieldwork to document interactions and feedbacks in the land-atmosphere system. Potential topics could include but are not limited to applications in remote sensing related to:

- Measurement of land-atmosphere fluxes;
- Quantification of moisture and trace gases in the atmosphere: ground- and satellite-based methods;
- Active and passive methods for measuring atmospheric properties and processes;
- Impacts of land use on atmospheric circulation, trace gases, and/or precipitation;
- Integration of remote sensing and modeling;
- Use of remote sensing to map trace gas isotopic composition;
- Interactions between climate and land-surface fluxes;
- Feedbacks between vegetation, soil moisture, and atmospheric processes;
- Use of big data platforms (e.g., Google Earth Engine) and machine learning algorithms for quantification of land-atmosphere interactions.

Guest Editor

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Deadline for manuscript submissions

closed (20 October 2022)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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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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