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The Future of Air Quality Monitoring by Remote Sensing

Guest Editors:

Dr. Yasin Elshorbany
College of Arts and Sciences, University of South Florida, St. Petersburg, FL 33701, USA

Dr. Jessica Neu
Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA, USA

Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

We would like to invite you to submit your articles regarding remote sensing applications (including data assimilation), validation, algorithms and new products to this special issue. Remote sensing techniques have the advantage of large spatial coverage, which offers a wide range of applications in air quality – from studying the earth's atmospheric composition, large pollution episodes, to estimating emissions, predicting pollution events and planning for future missions. We invite you to submit articles on topics including, but not limited to, the following:

- Investigation of atmospheric composition and air quality using remote sensing techniques
- Investigation of the atmospheric oxidation capacity using OH surrogates (e.g, HCHO, isoprene)
- Studies that involve the application of new retrieval algorithms or revised ones
- Integrated studies of satellites, numerical modeling, and in-situ mobile or stationary measurements
- Advances in remote sensing, retrieval algorithms, data processing, and assimilation techniques to analyze the atmospheric composition

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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

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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Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
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