Special Issue

Advances and Challenges in Remote Sensing of Atmospheric Mineral Dust

Message from the Guest Editors

Atmospheric mineral dust particles contribute over half of the mass of terrestrial aerosols, playing an important role in Earth's climate and biogeochemistry. Over the last two decades, remote sensing observations from space have provided a critical global perspective for understanding the distribution, variability, and trend of mineral aerosols, and have transformed our knowledge on how mineral aerosols affect Earth's climate and environment. This Special Issue aims to highlight the recent advances and remaining challenges in remote sensing of atmospheric mineral aerosols. We encourage submissions of research papers and review articles focusing on theoretical investigations, retrieval algorithm developments, and corresponding applications relevant to dust aerosol remote sensing.

Guest Editors

Dr. Xiaoguang Richard Xu

Earth and Space Institute, University of Maryland Baltimore County, Baltimore, MD 21250, USA

Dr. Olga Kalashnikova

Jet Propulsion Laboratory, Pasadena, CA 91011, USA

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

mdpi.com/journal/remotesensing

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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

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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