Special Issue

Multi-Source Remote Sensing Observations of Aerosol Properties and Air Quality

Message from the Guest Editors

It is well known that aerosols play an important role in the Earth's radiation system and atmospheric environment. Along with this, the difficulty in understanding aerosol characteristics, which are highly variable in space and time, is also well known. Remote sensing from satellites, airplanes, and the ground are the most powerful means of aerosol measurement. There is no doubt that the global climate crisis and air pollution are worsening. Due to these trends, various aerosol and cloud sensors will be installed on the Earth observation satellites to be launched soon, such as EarthCARE, EPS-SG, PACE, MAIA and so on. Advanced meteorological satellites can also be considered aerosol sensors. Other sensors (MODIS, CALIPSO, Sentinel-5P) also provide valuable information on aerosol properties and air quality. The development of data analysis algorithms that can cope with the remarkable growth of these devices and the integrated use of multiple sensors is required. Manuscripts from various perspectives, whether observational, theoretical, or experimental, are welcomed.

Guest Editors

Dr. Adrianos Retalis

National Observatory of Athens, Institute for Environmental Research and Sustainable Development, Athens, Greece

Prof. Dr. Sonoyo Mukai

School of Applied Information Technology, The Kyoto College of Graduate Studies for Informatics, Kyoto 606-8225, Japan

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

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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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