



an Open Access Journal by MDPI

New Perspectives for Atmospheric Correction: Theory, Methods and Applications

Guest Editors:	Message from the Guest Editors
Dr. Heshun Wang	Dear Colleagues,
Prof. Dr. Bo Zhong	Atmospheric correction is critical in deriving land surface biophysical
Dr. Linlu Mei	parameters from both optical and thermal infrared remotely sensed data.
	Radiative transfer model rigorously describes the scattering, absorption and
Dr. Jingjing Peng	emission characteristics of cloud, aerosols and gasses in the atmosphere, which
	is the key theory serving for atmospheric parameters retrieving and atmospheric
	correction.
Deadline for manuscript submissions: closed (31 December 2019)	This Special Issue is aimed at the most recent progresses of the following topics, but not limited to:

- Retrieval of aerosol properties from moderate-high spatial resolution satellite observations or by combining different instruments.
- Better aerosol optical depth retrieval based on historical accumulated data and validation, especially for bright surface and sparely vegetated surface.
- Radiative transfer modeling, atmospheric parameters inversion and validation.
- Novel or operational atmospheric correction algorithms for optical and thermal infrared images.
- Land surface variables retrieval and evaluation under various atmospheric conditions.

Specialsue

Dr. Heshun Wang Prof. Bo Zhong Dr. Linlu Mei Dr. Jingjing Peng Guest Editors



mdpi.com/si/18151





an Open Access Journal by MDPI

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

Remote Sensing Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/remotesensing remotesensing@mdpi.com X@RemoteSens_MDPI