Methods and Applications of Lidar Remote Sensing

Guest Editors:

Dr. Wei Wang

Dr. Jian Yang

Dr. Ge Han

Dr. Boming Liu

Deadline for manuscript submissions:
closed (20 September 2022)

Message from the Guest Editors

This Special Issue is particularly encouraging submissions on the methods and applications of lidar remote sensing for retrieving atmosphere parameters, monitoring environmental quality, estimating vegetation status from leaf and canopy, etc. Related hardware design and retrieval algorithms for ground-based, airborne, and space-based lidar sensors are also of interest, as are data fusion approaches for acquiring new data with higher accuracy and temporal and spatial resolution. In summary, this Special Issue invite submissions exploring cutting-edge research and recent advances in the fields of lidar remote sensing. Both theoretical and experimental studies are welcome, as are comprehensive review and survey papers.

- lidar
- multispectral lidar
- remote sensing
- atmosphere
- boundary layer
- environmental
- vegetation
- aerosol
- CO_2
- leaf biochemical content

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us