



Lidar Remote Sensing of Aerosols Observation

Guest Editors:

Prof. Dr. Simone Lolli

CNR-IMAA, Contrada S. Loja,
85050 Tito Scalo, PZ, Italy

Prof. Dr. Kai Qin

School of Environment and
Spatial Informatics, China
University of Mining and
Technology, Xuzhou 221116,
China

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Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks contributions on the latest results and developments in lidar remote sensing of geometrical, optical and microphysical aerosol properties across a host of instrument platforms (Raman, High-Spectral Resolution, DIAL, etc.), temporal and spatial scales, and from airborne-mounted lidars, regional ground-based lidar networks and global satellite missions. Moreover, this Special Issue pays attention to the emerging lidar techniques and measurements, as well as applications of lidar observation for aerosol model validation and assimilation. Submissions relating to lidar remote sensing of anthropogenic aerosols from industrial, biomass burning and agricultural sources and natural aerosols from volcanic eruptions, mineral dust, sea-salt and biogenic aerosols, as well as those relating to lidar field campaigns aiming to provide a comprehensive assessment of the aerosol-radiation interactions, boundary layer dynamic, aerosol-cloud interactions, aerosol spatial distribution, climate and health impact, are particularly encouraged.

Dr. Simone Lolli

Guest Editor





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