Special Issue

Lidar Technologies, Techniques, and Applications for Atmospheric Remote Sensing

Message from the Guest Editor

Light detection and ranging (LiDAR) is a powerful active remote-sensing technique for the study of atmospheric dynamics, meteorological parameters, and atmospheric trace constituents. LiDAR systems have been successfully applied to atmospheric studies form ground-based, shipborne, airborne, and spaceborne platforms. At the same time, because of advances in lasers, optics, and fabrication technologies and computing power, LiDAR systems have dramatically improved in their performance and new and novel system are being developed. This Special Issue of *Sensors* has a focus on review and original research articles on recent developments in the state-of-the art LiDAR techniques, technologies, and application for atmospheric remote sensing.

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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