Special Issue

Lidar Remote Sensing for Planetary and Earth Science Applications

Message from the Guest Editor

LiDAR systems are critical for current and future Earth and Planetary Science applications. Active (laser) remote sensing space systems have been used to map the surface topography of Mars, the moon and the polar ice sheets, atmospheric cloud, and aerosol profiles and measure the Earth's forest canopy vertical structure.

This Special Issue welcomes original research contributions and state-of-the-art reviews, from academia, government, and industry, regarding the use of LIDAR technologies and their application to planetary and Earth science.

Topics of interest include but are not limited to:

- Lidar
- Remote sensing
- Atmospheric composition and trace gas detection
- Alanetray boundar layer
- Entry, descent and landing
- Ice detection
- Integrated path differential absorption
- Surface topography
- Wind measurements
- Backscatter lidar

For more information, please visit: mdpi.com/si/124867

Guest Editor

Dr. Haris Riris

NASA Earth Science Technology Office (ESTO), Greenbelt, MD 20771, USA

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

mdpi.com/journal/sensors

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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