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Lidar Remote Sensing for Planetary and Earth Science Applications

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

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
- Planetary boundary layer
- Entry, descent and landing
- Ice detection
- Integrated path differential absorption
- Surface topography
- Wind measurements
- Backscatter lidar



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Special Issue



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Message from the Editor-in-Chief

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