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# Advanced Lidar Remote Sensing for Atmosphere, Vegetation, and Ocean Observations

Guest Editors:

Dr. Yue Ma

submissions: 30 September 2024

Deadline for manuscript

### Message from the Guest Editors

Dr. Boming LiuAs an advanced technology, lidar has attracted increasing<br/>interest as a topic of research in recent years. With the<br/>development of lidar hardware, the science and<br/>technology of lidar remote sensing is rapidly developing,<br/>with substantial output of meaningful scientific<br/>achievements.

This Special Issue is particularly encouraging submissions on the methods and applications of advanced lidar remote sensing for retrieving atmosphere parameters, monitoring environmental quality, estimating vegetation status from leaf and canopy, obtaining ocean dynamics and even bathymetry, etc. Related advanced hardware designs for ground-based, airborne, and space-based lidar sensors are also of interest, including but not limited to the photoncounting lidar (PCL), high-spectral-resolution lidar (HSRL), etc. In summary, this Special Issue invites 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.



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## **Editor-in-Chief**

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