

## Special Issue

# Application of LiDAR Remote Sensing and Mapping

### Message from the Guest Editors

LiDAR (Light detection and ranging) technology has revolutionized the field of remote sensing and mapping by providing high-resolution, three-dimensional data of the Earth's surface. Its applications span various domains, including forestry, agriculture, urban planning, geology, and environmental monitoring. This Special Issue aims to gather cutting-edge research and advancements in the application of LiDAR remote sensing and mapping. Researchers and practitioners are invited to submit original research articles, comprehensive reviews, and detailed case studies that highlight the transformative impact of LiDAR technology.

- LiDAR remote sensing
- point cloud processing
- LiDAR applications in forestry and ecology
- forest height and mapping
- 3D scene reconstruction
- space-borne LiDAR
- building height retrieval and mapping

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### Guest Editors

Dr. Sheng Nie  
Dr. Xiaoxiao Zhu  
Dr. Cheng Wang

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### Deadline for manuscript submissions

closed (21 February 2026)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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