

## Special Issue

# Remote Sensing and Non-Destructive Testing Solutions for Sustainable Development and Urban Resilience

### Message from the Guest Editors

This Special Issue will showcase the latest advancements in technologies and methodologies that contribute to sustainable urban planning and resilient infrastructure. By aligning with the journal's focus on environmental monitoring and spatial data science, it will highlight the role of sensing and testing solutions in supporting urban areas as they adapt to climate change, rapid population growth, and resource limitations. Emphasis will be placed on practical solutions and innovative approaches that drive urban resilience and sustainability. Submissions are encouraged on topics including, but not limited to, the following:

- Applications of advanced sensing technologies for urban infrastructure resilience and risk management;
- Monitoring urban heat islands, air quality, and water resources using remote sensing and non-destructive testing methods;
- Techniques for detecting urban land-use changes and promoting sustainable land management;
- Solutions for disaster preparedness and response in urban areas;
- Sensor technologies and data fusion methods for high-resolution urban monitoring.

You may choose our [Joint Special Issue](#) in *NDT*.

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### Guest Editors

Dr. Livia Lantini

Dr. Atiyeh Ardakanian

Dr. Enzo Rizzo

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### Deadline for manuscript submissions

31 October 2025



## Remote Sensing

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by MDPI

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Impact Factor 4.1  
CiteScore 8.6



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

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## About the Journal

### Message from the Editor-in-Chief

*Remote Sensing* is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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