

## Special Issue

# Close-Range Sensing in the AEC Industry

### Message from the Guest Editors

Typically, close-range sensing is used to digitize the assets in the built environment. This requires the unsupervised interpretation of the scenery and the automated parameter extraction for the widely varying domain-specific objects. In the last few years, there has been intense research activity toward the automation of this process and there is still important work to be carried out involving the collection and processing of close-range sensing data of the built environment; scene interpretation including semantic segmentation and object detection; and parameter extraction for the final information models. This Special Issue will collect new technologies and methodologies that target the above objectives. We welcome submissions that cover but are not limited to the following:

- Close-range sensing systems;
- Geometric evaluation of mapping systems;
- Close-range sensing data structures and models;
- Scene interpretation including semantic segmentation, classification, and object detection;
- Collision and change detection with existing models;
- Remote sensing data processing in information models such as BIM and GIS.

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### Guest Editors

Dr. Maarten Bassier

Dr. Florent Poux

Dr. Shayan Nikoohemat

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### Deadline for manuscript submissions

closed (15 April 2024)



## Remote Sensing

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*Remote Sensing*  
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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