

## Special Issue

# Ground Penetrating Radar (GPR) Applications in Civil Infrastructure Systems

### Message from the Guest Editors

This Special Issue focuses on the practical application of GPR to address real-world problems across a wide range of civil infrastructure issues. It aims at collecting new developments and methodologies, best practices, and applications of GPR to civil infrastructure systems. We welcome submissions that provide the community with the most recent advancements on all aspects of GPR, including but not limited to the following:

- Applications of GPR in inspecting concrete structures;
- GPR as a non-destructive inspection technique;
- GPR-based condition assessment and deterioration models of concrete structures;
- GPR-based rehabilitation planning of concrete structures;
- Performance of GPR technology in defect detection;
- Innovative GPR signal and data processing techniques;
- Novel GPR data interpretation methods;
- GPR-based corrosion mapping;
- Integration of GPR and other sensing technologies;
- Applications of GPR in inspecting other types of civil infrastructure systems;
- GPR-based decision support systems for asset management.

### Guest Editors

Prof. Dr. Tarek Zayed

Dr. Thikra Dawood

Dr. Mona Abouhamad

Dr. Mohammed Alsharqawi

### Deadline for manuscript submissions

closed (31 January 2022)



## Remote Sensing

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Impact Factor 4.1  
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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

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