

## Special Issue

# Network-Wide Remote Sensing of Bridges

### Message from the Guest Editors

There is a need to develop and implement a large-scale reliable remote sensing system for the network-wide structural monitoring of bridges in order to improve the current state of the practice. Remote sensing technology offers the potential to monitor many structures dispersed over a wide area. The main challenge of the network-wide monitoring of bridges involves acquiring data from certain specific locations of interest on each structure in a timely and periodic manner.

Particular areas of interest addressed in this call for papers include but are not limited to the following:

(1) Design considerations for network-wide remote sensing of bridges to provide early warning of structural distress; (2) Assessment of resiliency and post-event recovery; (3) Monitoring of scour-susceptible bridges; (4) Instrumentation and measurement—principles of operation and applicability; (5) Requirements for data analysis and presentation of results to bridge engineers; (6) Available technologies for practical implementation; (7) Research needs; (8) Economic analysis; (9) Application of SAR techniques to bridge monitoring.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2023)



## Remote Sensing

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### 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

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