remote sensing

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Inland Transport Networks Monitoring from Remote Sensing and Photogrammetry

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Deadline for manuscript submissions:
closed (30 September 2019)

Message from the Guest Editors

This Special Issue aims at collecting new technologies, data collections and processing methodologies, and successful applications of remote sensing to inland transport monitoring. We welcome submissions which cover, but are not limited to:

- Remote sensing technologies with potential for the monitoring of large infrastructures, including different platforms.
- Evaluation and integration of new 3D and 2D imaging sensors for the purpose of 3D mapping for environmental and infrastructure monitoring.
- Automated data analysis of 3D data for the massive inspection of large infrastructure networks. Specially, large-scale Machine Learning applications for transport infrastructure monitoring are envisaged.
- InSAR applications for structural health monitoring of critical infrastructures, as well as successful applications in large areas such as other infrastructure (ports, airports, cities, etc.).
- Use of 3D photogrammetric techniques for inspection and life cycle monitoring of infrastructures like bridges, buildings, dikes, and to improve on the integration with structural component analysis.
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Special Issue

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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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