

Special Issue

Robotics and AI for Infrastructure Inspection and Monitoring

Message from the Guest Editor

Infrastructure monitoring and inspection, including bridges, pipelines, electrical grids, roads, tunnels, and other facilities, is crucial for structure usage and safety, yet it is expensive, time-consuming, and dangerous. The current development of robotics technologies and artificial intelligence algorithms introduces novel approaches that may alleviate such demanding operations. The proposed Special Issue aims to collect novel approaches of AI and robotics applied in infrastructure inspection and monitoring by taking advantage of existing or novel sensing technologies. Contributions introducing novel algorithms, approaches, and methodologies are welcomed, as well as papers dealing with specific applications of remote sensing.

Guest Editor

Dr. Paolo Tripicchio

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Deadline for manuscript submissions

closed (30 August 2024)



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.

Editor-in-Chief

Dr. Prasad S. Thenkabail

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