

Special Issue

Remote Sensing Techniques for Infrastructure Inspection and Monitoring

Message from the Guest Editor

Recently, several techniques based on satellite images, LiDAR, and photogrammetry have been implemented to acquire information for monitoring and inspection tasks. However, adopting these techniques to collect information around changes and different scales and types of damage (e.g., cracks or corrosion) of infrastructure with a high level of complexity—for example, materials, geometry, and orientation—is still a challenge. Moreover, robust, efficient methods are still required to automatically process such massive data acquired from those techniques to give reliable and accurate results for decision making. This Special Issue solicits papers on the state of the art in developing remote sensing techniques for infrastructure inspection and monitoring. Topic will cover both methodologies in data collection and methods to process remote sensing data in an automated manner. The Special Issue also encourages practitioners to submit case studies on the implementation of remote sensing techniques for specific infrastructure.

Guest Editor

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