Special Issue

Digital Photogrammetry and Machine Learning for Infrastructure Inspection

Message from the Guest Editors

Infrastructures, such as utility tower, wind turbines, oil or natural gas storages/pipelines, bridges, overpasses, underpasses, culverts, railways, roadways, airstrip, electrical grids, tunnel, dams, levees, telecom asset, and solar farms, are generally made using concrete with rebar, asphalt, rocks, steel, etc. Owing to environmental changes, such as earthquakes, temperature, wind, and humidity, their conditions may be degraded and cause deteriorations, such as concrete cracks, rusty, concrete spalling, damage, or even collapse. Infrastructure inspection is crucial for maintaining structure usage and safety conditions. It is necessary to detect and evaluate these defects for maintenance purposes. However, the conventional in-situ inspection procedure is expensive, time-consuming, and dangerous. In this Special Issue, we would like to invite you to submit original research papers that cover all aspects of the advanced applications of digital photogrammetry and machine learning for infrastructure inspections.

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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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