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Innovations in Photogrammetry and Remote Sensing: Modern Sensors, New Processing Strategies and Frontiers in Applications

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Deadline for manuscript
submissions:

closed (10 February 2022)

Message from the Guest Editors

Dear Colleagues,

The Special Issue aims for papers showing the progress made in key areas of photogrammetry and remote sensing. Papers focused on modern and/or forthcoming sensors, improvements in data processing strategies, and assessment of their reliability are welcome for the Special Issue. Additionally, the Special Issue aims to collect papers devoted to the application of such innovations as proof of the contribution offered in the observation of the natural and built environment and understanding of phenomena at required spatial scale. In particular, the following topics can be addressed in proposed submissions:

- Forthcoming sensors in photogrammetry and remote sensing
- Quality Assurance / Quality Control (QA/QC)
- Potentialities offered by multi-sensors data fusion
- Methodologies for near real-time mapping and monitoring from aerial/satellite platforms
- Big dataset handling
- Artificial Intelligence for data processing
- 3D modelling
- Error budget
- Novel approaches for processing of multi-temporal data
- Design, testing and applications of new sensors



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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