Innovative Sensing - From Sensors to Methods and Applications

Guest Editors:

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Deadline for manuscript submissions:
closed (3 February 2019)

Message from the Guest Editors

Topics of this Special Issue mainly focus on, but are not limited to:

- Innovative and integrated UAS-oriented sensor and (small) platform concepts
- Systems and methods for terrestrial and mobile mapping in complex indoor and outdoor environments
- Small and low-cost active sensing (micro-LIDAR and -RADAR sensors
- Design and realization of sensors and constellations for digital aerial and spaceborne missions for Earth observation
- Geometric and radiometric properties, quality standards, and factors affecting data quality
- Benchmark definition, calibration and evaluation of imaging and non-optical imaging sensors
- Integrated platform guidance, navigation, direct georeferencing (positioning and orientation) and integrated sensor orientation
- On-board (pre-)processing and concepts for embedded systems

mdpi.com/si/13110

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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