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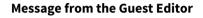
Intelligent Processing and Application of UAV Remote Sensing Image Data

Guest Editor:

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Deadline for manuscript submissions: **29 November 2024**



This Special Issue aims at collecting new developments and methodologies, best practices and applications of UAVs in intelligent processing and application of remote sensing image data.

- Fine 3D reconstruction of buildings/structures
- Autonomous indoor/underground landform 3D reconstruction(shopping malls, train station, underground park, catacombs, carst cave, etc.)
- UAV online target detection and tracking
- Intelligent interpretation of UAV video/image (image classification, feature extraction, target detection, change detection, biophysical parameter estimation, etc.)
- Other on-board sensor data processing (multispectral, hyperspectral, thermal, lidar, SAR, gas or radioactivity sensors, etc.)
- Data fusion: integration of UAV imagery with satellite, aerial or terrestrial data, integration of heterogeneous data captured by UAVs
- Online and real-time processing/collaborative and fleet of UAVs applied to remote sensing
- Applications (urban monitoring, precision farming, forestry, disaster prevention, assessment and monitoring, search and rescue, security, archaeology, industrial plant inspection, etc.)
- Any use of UAVs related to remote sensing





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