



## Photogrammetric Computer Vision in Remote Sensing

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Deadline for manuscript  
submissions:

**closed (31 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

Many applications in the field of remote sensing can only be solved by incorporating methodologies from the fields of photogrammetry and computer vision. In short, remote sensing can be defined as analyzing images of the Earth and other planets, photogrammetry as the art of measuring from images, and computer vision as gaining semantic understanding from images. Thus, this Special Issue aims to collect papers on photogrammetry and computer vision to yield enhanced and custom-tailored performance for remote sensing applications. Submitted manuscripts should mainly focus on novelties introduced through recent approaches that link photogrammetry, computer vision, and remote sensing, for example, with the following topics:

- 3D remote sensing with SAR and optical sensors
- Discrete 3D representation of the Earth's surface
- Digital Twin Earth
- Digital surface, elevation, and terrain models (DSMs, DEMs, DTMs)
- Land cover and land use classification
- City modeling
- Carbon reporting
- Food systems
- Change monitoring
- Glacier observation
- Coastal mapping
- Disaster damage mapping





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## Message from the Editor-in-Chief

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