



## Artificial Intelligence in Nighttime Remote Sensing

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Deadline for manuscript  
submissions:

**closed (1 October 2023)**

### Message from the Guest Editor

Dear Colleagues,

The Special Issue is focused on the crossroads of two complementary technologies, remote sensing and machine learning. Application of the machine learning to the remote sensing data remains a challenge because the satellite imagery is often gigabytes of size, and may contain over a dozen channels, some outside of the visible spectrum and stored in spatially referenced formats. The authors are encouraged to submit research papers on the machine learning applications in a wide scope of remote sensing problems, including, but not limited to, data quality control, image enhancement and fusion from visible, infrared and microwave bands, object detection and tracking, and change prediction and propagation forecast. To assure the scientific quality and reproducibility of the results, the authors are encouraged to follow the open source model in sharing the training data, source code and network weights as a digital supplement to their papers.





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## Message from the Editor-in-Chief

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