



Intelligent Unmanned Vehicles for Image Capturing and Sensing

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

In this SI, original research articles and reviews are welcome. Research areas may include but are not limited to the following:

- Channel modeling and communication protocols of IUVs (UAVs/UGVs);
- Energy consumption modeling of IUV sensing devices;
- Resource allocation for IUV communications;
- Security of IUV communications;
- Analytical frameworks of IUV communications;
- Machine learning for IUV communications and sensing;
- On-board data processing for image capturing and sensing on IUVs;
- Experiment and prototype of IUVs for image capturing and sensing;
- Object detection, classification and segmentation algorithms for multispectral and hyperspectral imaging;
- Feature extraction and reduction for multispectral and hyperspectral imaging;
- Change and anomaly detection in multispectral and hyperspectral images;
- Interpretability and explainability in machine learning for multispectral and hyperspectral imaging;
- Applications of multispectral and hyperspectral imaging;
- Data fusion from multiple sensors.





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Editor-in-Chief

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Message from the Editor-in-Chief

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