



## Intelligent Unmanned Vehicles for Image Capturing and Sensing

Guest Editors:

**Dr. Quoc-Tuan Vien**

Faculty of Science and  
Technology, Middlesex  
University, London NW4 4BT, UK

**Dr. Tuan Thanh Nguyen**

Faculty of Engineering and  
Sciences, University of  
Greenwich, London SE10 9LS, UK

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

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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Electronics Editorial Office  
MDPI, Grosspeteranlage 5  
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