



Remote Sensing

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Special Issue Reprint

## Recent Progress in UAV-AI Remote Sensing

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This reprint delves into the cutting-edge intersection of Unmanned Aerial Vehicles (UAV) and Artificial Intelligence (AI), offering a comprehensive look at how these technologies are revolutionizing vegetation monitoring, target tracking, and various other applications. Featuring 15 in-depth articles, this Special Issue explores the potential of UAV multispectral and hyperspectral imagery for real-time dynamic monitoring and for the development of innovative methods for data interpretation. Some key features include, but are not limited to, the following:

- Focus on the application of AI techniques to process and model data from UAV sensors.
- Detailed analysis of UAV imagery in vegetation growth monitoring and dynamic target tracking.
- Topics include crop physical and chemical parameter inversion, crop growth monitoring, building extraction, and pest and disease forecasting.
- Novel approaches to extracting valuable information from UAV imagery.
- Essential reading for researchers, professionals, and students interested in UAV and AI integration.

