



UAV-Based Environmental Monitoring

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 August 2021)

Message from the Guest Editor

Dear Colleagues,

Unmanned aerial vehicles have become an increasingly viable option for the measurement of the environment in which we live. This Special Issue will provide a comprehensive overview of the development and use of remote sensing technology for environmental measurement and monitoring using unmanned aerial vehicles and systems. We invite research articles that consolidate our understanding of the state-of-the-art in this area. The Special Issue will publish full research, review, and highly rated manuscripts addressing the above topic. The scope of this Special Issue includes, but it is not limited to the following:

- UAV applications of remote sensing for environmental measurement
- Improvements in UAV technology for remote sensing
- Micro UAV applications
- UAV sensor design
- Descriptions of processing algorithms applied to UAV-based datasets including artificial intelligence and-data mining-based strategies
- UAV system architecture for remote sensing applications
- Collaborative strategies and mechanisms to integrate UAVs into heterogeneous sensing networks



mdpi.com/si/43268

Dr. Sean C. Bailey
Guest Editor

Special Issue



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Message from the Editor-in-Chief

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