Special Issue

UAV-Based Environmental Monitoring

Message from the Guest Editor

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

Guest Editor

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Deadline for manuscript submissions

closed (15 August 2021)

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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