Special Issue

Trends, Innovative Developments and Disruptive Applications in UAV Remote Sensing

Message from the Guest Editors

UAVs represent one of the most relevant emerging technologies in the remote sensing domain of the last two decades. This Special Issue aims at collecting new algorithms, methods, and solutions leveraging on UAV data collection and exploitation to tackle a wide range of applications and societal challenges. We welcome submissions that provide the community with advanced scientific solutions and innovative applications dealing with UAVs, including, but not limited to:
Photogrammetric data processing for innovative mapping applications;
AI algorithms using UAV data as input;
Autonomous navigation, exploration and mapping in outdoor and indoor environments;
Efficient sensor fusion to improve UAV navigation;
Efficient sensor fusion to improve UAV navigation;
Data fusion;
Integration of heterogeneous data captured by UAVs;
Collaborative or swarm of UAVs applied to remote sensing applications;
UAVs as part of IoT solutions;
Cutting edge solutions in precision farming, search and rescue, disaster monitoring, infrastructure and urban monitoring and mapping, and other relevant applications;
Other innovative UAV solutions to address the Sustainable Development Goals and societal challenges.

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Deadline for manuscript submissions

closed (30 September 2024)

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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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