

Special Issue

Advanced Sensing and Image Processing in Agricultural Applications

Message from the Guest Editors

Advanced image processing technology in agriculture is an inspiring and promising topic. This Special Issue aims to present state-of-the-art research achievements and advances by world-class researchers that contribute to the agricultural field in terms of image processing, environment perception, and sensor fusion. Review articles are also encouraged. The potential topics of this organized session include but are not limited to:

- Deep learning algorithm in agricultural applications;
- Image processing technology in pest monitoring;
- Soil spectral data in agricultural engineering;
- Multispectral image processing in agricultural engineering;
- Satellite remote sensing technology in agriculture;
- Detection and location of agricultural robotics;
- Near-infrared image processing in agricultural engineering;
- Hyperspectral technology in crop monitoring;
- Integrating perception, sensor fusion and control in agricultural applications;
- Fault detection and diagnosis in agricultural engineering.

Guest Editors

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Prof. Dr. Xiwen Luo

Prof. Dr. Chenguang Yang

Deadline for manuscript submissions

closed (15 January 2024)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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About the Journal

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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