Special Issue

Advances in the Study of Intelligent Aerospace

Message from the Guest Editors

Remote sensing is undergoing a profound transformation, extending beyond traditional methodologies to incorporate a diverse array of modern approaches. The integration of artificial intelligence (AI) into space remote sensing technology has been a pivotal driver for this transformation, heralding a new era of innovation and efficiency. The Special Issue seeks to illuminate the transformative potential of artificial intelligence and its applications in aerospace, thereby contributing to the journal's mission of disseminating pioneering research and practical insights. Submissions are encouraged to explore a variety of themes, including but not limited to, the following topics:

- Application of machine vision in aerospace, especially in remote sensing.
- Intelligent control of spacecraft and space robots.
- Intelligent optimization methods for spacecraft trajectory.
- Space object detection from optical images.
- Machine learning for satellite behavior characterization.
- Intelligent perception and control in planetary exploration.

Guest Editors

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Deadline for manuscript submissions

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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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