Special Issue

Remote Sensing Image Scene Classification Meets Artificial Intelligence

Message from the Guest Editors

The objective of remote sensing image scene classification is to assign a semantic category to remote sensing images according to their content. It has a wide range of applications, including remote sensing data retrieval, agriculture, forestry, transportation, and environmental monitoring, although artificial intelligence (AI) has become a mainstream tool, having been successfully implemented in different industries due to the rise of massive data and the advancement of algorithms and processing capacity. This Special Issue focuses on advances in remote sensing scene classification using cross-domain data, multisource data, and multimodal data with the application of new methods, such as self-supervised learning, transfer learning, meta-learning, and vision transformers. Topics of interest include, but are not limited to:

- Multisource/task remote sensing scene classification;
- Multi/cross-domain scene classification;
- Domain-adaptive scene classification;
- Zero-/one-/few-shot learning;
- Weakly /semi-supervised learning;
- Noisy label learning;
- Self-supervised learning;
- Pretraining from computer vision to remote sensing;
- Benchmarking datasets and codes.

Guest Editors

Dr. Junshi Xia

Dr. Erzhu Li

Dr. Lionel Bombrun

Deadline for manuscript submissions

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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