



## Remote Sensing Image Scene Classification Meets Artificial Intelligence

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Deadline for manuscript  
submissions:

**closed (31 May 2023)**

### Message from the Guest Editors

Dear Colleagues,

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.





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## Message from the Editor-in-Chief

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