



## Remote Sensing and Image Processing in Environmental Field

Guest Editors:

### Dr. Ying-Nong Chen

Center for Space and Remote Sensing Research, National Central University, Taoyuan 32001, Taiwan

### Dr. Chi-Hung Chuang

Department of Information and Computer Engineering, Chung Yuan Christian University, Taoyuan 320314, Taiwan

Deadline for manuscript submissions:  
**closed (29 February 2024)**

### Message from the Guest Editors

Dear Colleagues,

Recently, with the advancement of technology, the applications of remote sensing data in environmental protection and sustainable development are becoming more and more popular. However, big remote sensing data also bring some problems such as how to effectively and efficiently process these remote sensing data. This Special Issue of *Sustainability* aims to demonstrate state-of-the-art works in employing machine learning, deep learning, and image processing algorithms in remote sensing data for environmental applications.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Hyperspectral, multispectral image processing
- Machine learning/Deep learning/Image processing for hyperspectral, multispectral data analysis
- Machine learning/Deep learning/Image processing in environmental analysis
- Remote Sensing applications in environment/sustainability
- Data mining and the development of statistical models in remote sensing data
- Signal processing in remote sensing data analysis
- Sustainability concepts in remote sensing applications





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

School of Environment and  
Natural Resources, Ohio State  
University, Columbus, OH 43210,  
USA

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)