



## Remote Sensing Applied to the Environment and Sustainability

Guest Editors:

**Dr. Carlos Antonio Da Silva  
Junior**

Department of Geography, State  
University of Mato Grosso  
(UNEMAT), Sinop 78550-000, MT,  
Brazil

**Dr. Paulo Eduardo Teodoro**

Department of Agronomy,  
Federal University of Mato Grosso  
do Sul (UFMS), Chapadão do Sul  
79560-000, MT, Brazil

Deadline for manuscript  
submissions:

**closed (31 August 2021)**

### Message from the Guest Editors

Dear Colleagues,

With the evolution of remote sensors and cloud computing, the immeasurable amount of data generated every second globally from an increasing number of sources has changed the way of analyzing the environment and its sustainability. The way of thinking about territorial organizations through the detection and coverage of land use combined with data analysis has transformed. The analysis of the environment (including climatic-atmospheric analyses, emissions, and fires) and its interaction with anthropic activities, especially with those in large agricultural areas, needs to be maximized to design a plan for advancing modern agriculture in a sustainable manner, while preserving the environment, thus improving land use efficiency and maximizing productivity. In this Special Issue, studies describing the results of remote sensing assessments should generate valuable insights for the scientific community and for policy implementation by authorities in different countries. In addition, we seek papers on precise and innovative ways to analyze data, such as deep learning techniques.

Prof. Dr. Carlos Antonio da Silva Junior

Prof. Dr. Paulo Eduardo Teodoro





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## 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. *Sustainability* publishes original research articles, review 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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

## Contact Us

*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
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](https://twitter.com/Sus_MDPI)