



## Art of Spectra: At the Crossroad of Agriculture and Remote Sensing Disciplines

Guest Editors:

**Dr. Maofang Gao**

Institute of Agricultural  
Resources and Regional  
Planning, Chinese Academy of  
Agricultural Sciences, Beijing  
100081, China

**Dr. Mohamed A.E.  
AbdelRahman**

Land Use Department, Division of  
Environmental Studies and Land  
Use, National Authority for  
Remote Sensing and Space  
Sciences (NARSS), Cairo 11769,  
Egypt

Deadline for manuscript  
submissions:

**closed (15 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

Regional-scale agricultural monitoring is of great significance to agricultural production, which is the focus of global attention. Spectral information ranging from UV to microwave can be used in agriculture monitoring. Driven by deep learning and artificial intelligence technology, the potential of remote sensing application in agriculture is unprecedented.

This Special Issue seeks to present innovative research in using remote sensing and other cutting-edge technologies, such as machine learning and data fusion, for agricultural monitoring. The topics include, but are not limited to, the following:

- Crop mapping
- Crop growth monitoring
- Crop production evaluation
- Agricultural disaster monitoring
- Drought early warning
- Crop water deficient detection
- Assimilation of remote sensing data to crop growth model
- Sun induced fluorescence application in agriculture

Dr. Maofang Gao

Dr. Mohamed A.E. AbdelRahman

*Guest Editors*





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## Editor-in-Chief

### **Prof. Dr. Peter Langridge**

School of Agriculture, Food and  
Wine, University of Adelaide,  
Urrbrae, SA 5064, Australia

## Message from the Editor-in-Chief

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*Agronomy* Editorial Office  
MDPI, St. Alban-Anlage 66  
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