



## Remediation of Soil Pollution and Improvement of Soil Health

Guest Editors:

**Dr. Beini Gong**

College of Natural Resources and  
Environment, South China  
Agricultural University,  
Guangzhou 510642, China

**Dr. Zhujian Huang**

College of Natural Resources and  
Environment, South China  
Agricultural University,  
Guangzhou 510642, China

**Prof. Dr. Xiaoyun Mao**

College of Natural Resources and  
Environment, South China  
Agricultural University,  
Guangzhou 510642, China

Deadline for manuscript  
submissions:  
**closed (28 February 2023)**

### Message from the Guest Editors

Dear Colleagues,

Soil health and safety is vital for crop production. Environmental pollutants could accumulate in soils and sneak into the food chain, thereby posing a major threat to food security and ecological safety, or their presence in soil can adversely affect soil properties, leading to deteriorated soil health and decreased crop production. Pollutants can enter the soil through polluted air, water, or solid waste. Hence, to tackle the problem of soil pollution, discharge to the soil should be treated before use, or polluted soil should be remediated. Various techniques, including physical, chemical, and biological remediation techniques, have been researched and applied in soil pollution mitigation. Mechanisms of pollutants removal include adsorption, mobilization, hyperaccumulation, deactivation, and degradation.

Dr. Beini Gong  
Dr. Zhujian Huang  
Prof. Dr. Xiaoyun Mao  
*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,  
Water and Environment  
Research, Charles Sturt  
University, Wagga Wagga, NSW  
2678, Australia

## Message from the Editor-in-Chief

*Agronomy* draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

## Contact Us

---

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

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/agronomy  
agronomy@mdpi.com  
X@Agronomy\_Mdpi