

## Special Issue

# Humic Substances: Chemistry and Multidimensional Role in Agricultural Systems and Pollution Management

### Message from the Guest Editor

Humic substances (HSs), the sophisticated and enigmatic dark-colored heterogeneous organic mixtures omnipresent in soils, sediments, and natural waters, are structurally recalcitrant compounds primarily associated with agriculture. In the Special Issue “Humic Substances: Chemistry and Multidimensional Role in Agricultural Systems and Pollution Management” all scientific contributions (e.g., research papers, review articles, communications, short notes, and opinions) that provide innovative insights into the related topics are welcome, and the topics include the following:

- The structure and physicochemical properties of HSs;
- HS benefits by shifting to more sustainable agriculture;
- The impact of HSs and HS-containing materials on soils, waters, plants, crop production, and living organisms (humans, birds, animals, and fishes);
- Interactions between HSs and toxic compounds, both organic and inorganic, related to environmental health;
- Organic waste management techniques, e.g., composting and adsorption, connected to HSs' fate.

### Guest Editor

Dr. Maria Roulia

Inorganic Chemistry Laboratory, Department of Chemistry, National and Kapodistrian University of Athens, Panepistimiopolis, 157 71 Athens, Greece

### Deadline for manuscript submissions

closed (30 June 2025)



## Agronomy

an Open Access Journal  
by MDPI

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/si/195608](https://mdpi.com/si/195608)

*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)





# Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Leslie A. Weston

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

---

### 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), GEOBASE, PubAg, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)