



an Open Access Journal by MDPI

# Integrated Management of Crop Residues and Their Bioactive Properties in Agri-Food Production—2nd Edition

Guest Editors:

#### Dr. Carla Susana Correia Pereira

Centro de Investigação de Montanha (CIMO), Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal

#### Dr. José Virgílio Santulhão Pinela

Centro de Investigação de Montanha (CIMO), Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal

#### Dr. Maria Inês Moreira Figueiredo Dias

Instituto Politécnico de Bragança, Centro de Investigação de Montanha (CIMO), Campus Santa Apolonia, Braganca, Portugal

Deadline for manuscript submissions: **20 March 2025** 



mdpi.com/si/202956

### **Message from the Guest Editors**

Dear Colleagues,

Billions of tons of surplus crops are generated annually, worldwide, from food production. These are commonly left in the field after harvest to increase the carbon retention in the soil, soil structure and nutrient availability, and soil microbial population size. Nevertheless, the sustainable management of crop residues is of extreme importance, since, if there are insufficient amounts on the soil surface, this can prove detrimental to its quality, result in a loss of organic matter, and increase erosion, while excessive amounts can impair soil-seed contact, immobilize nitrogen, and/or keep soils cool and wet, favoring disease and pests.

For this Special Issue, authors are encouraged to contribute research and review articles covering current and innovative strategies for developing sustainable farming systems and improving soil quality and nutrition and productivity. This Special Issue will also consider research on the bioactive properties of this biomass when applied to crop protection and food or food ingredient development.







an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Leslie A. Weston

Graham Centre for Agricultural Innovation, 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 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

### **Contact Us**

*Agronomy* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/agronomy agronomy@mdpi.com X@Agronomy\_Mdpi