

## Special Issue

# Smart Strategies and Technologies for Sustainability and Biodiversity in Herbaceous and Horticultural Crops—2nd Edition

### Message from the Guest Editors

Following the success of the first Special Issue in *Agronomy*, the Editorial Office is pleased to launch a second series of the Special Issue. The current trend of modern farming systems leans toward technical solutions to improve the sustainability and biodiversity of agroecosystems. Innovative agronomical strategies and new technologies can help farmers to reduce or eliminate chemical inputs, preserve soil and water quality, decrease exhaust and greenhouse gas emissions, prevent pollution, and lower the energy demand. Sustainable management is also aimed at enhancing biodiversity in order to lengthen the “life” of agroecosystems. Herbaceous and horticultural crops are the major crops and can contribute to achieving this goal. In this Special Issue, all contributions regarding innovative technologies, machines, and strategies for the sustainable management of herbaceous and horticultural crops are welcome, including applications in organic farming systems, conservation agriculture, integrated or non-chemical weed and pest control, cover crops and intercropping use, precision and digital farming technologies, and robotic technologies for sustainability.

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### Guest Editors

Dr. Christian Frasconi  
Dr. Marco Fontanelli  
Prof. Dr. Daniele Antichi

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### Deadline for manuscript submissions

closed (20 May 2025)



## Agronomy

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## 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.

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

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