



Smart Strategies and Technologies for Sustainability and Biodiversity in Herbaceous and Horticultural Crops

Guest Editors:

Dr. Christian Frasconi

Department of Agriculture, Food and Environment, University of Pisa, Via del Borghetto 80, 56124 Pisa, Italy

Dr. Marco Fontanelli

Department of Agriculture, Food and Environment, University of Pisa, Via del Borghetto, 80, 56124 Pisa, Italy

Prof. Dr. Daniele Antichi

Department of Agriculture, Food and Environment, University of Pisa, 56124 Pisa, Italy

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Message from the Guest Editors

The current trend of modern farming systems is 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. A 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 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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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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

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Agronomy Editorial Office
MDPI, Grosspeteranlage 5
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