



The State of The Art of Horticulture Science in Spain

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Deadline for manuscript
submissions:

closed (20 July 2023)

Message from the Guest Editors

Dear Colleagues,

Spanish horticulture has drastically changed in the 21st century. With 16.9 million hectares of arable land, novel technological advances in horticulture, vegetable production, gardening, and landscaping are now being employed for vegetable and fruit production.

Novel technologies in soilless cultivation systems, fertigation, global microclimatic control of greenhouses, use of renewable energy (e.g., solar, solar thermal, biomass-fired cogeneration, and geothermal), efficient artificial lighting, and lower CO₂ emissions have made Spanish agrosystems more competitive.

Other environmental challenges, such as the conversion to productive organic farming, recycling, and composting of horticultural materials, continue to be major challenges to the future of horticultural production in Spain; therefore, it is important to find solutions to increase yields under a climate variety or solutions to enable extensive exploitation of groundwater.

This Special Issue provides an overview of modern Spanish agriculture, particularly focused on these novel technologies.





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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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