

Special Issue

Recent Innovations in Grapevine Research

Message from the Guest Editors

One of the most pressing challenges facing agriculture today is climate change. To face these challenges, we need to apply the latest technologies in viticultural research. Information technology will play a key role in future research efforts, both in the application of precision technologies and in data processing and modeling. The yield and quality of grapevine are highly influenced by environmental factors, such as the climate, topography, and soil, and biotic factors, including rootstock, pests, and diseases, all of which can affect grapevine either positively or negatively. Cultivation practices, nutrient supply, spraying, and irrigation can also influence the yield and quality of this plant; the effectiveness of these methods must thus be evaluated. This Special Issue of *Agronomy* will focus on innovative research methods for phenotyping, biomass evaluation, precision viticulture, remote sensing, image analysis, the evaluation of the nutrient status, drone technology, grapevine robotics, analysis of berry composition, diagnosis, and the evaluation of the effect of pests and diseases on plant development

Guest Editors

Dr. Péter Bodor-Pesti

Dr. Gizella Gyorffyne Jahnke

Prof. Dr. György Dénes Bisztray

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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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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.

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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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