



## Eco-Physiology of Fruit Tree and Innovative Agricultural Practices

Guest Editors:

**Dr. Pasquale Losciale**

**Prof. Dr. Luca Corelli-Grappadelli**

**Dr. Luigi Manfrini**

**Dr. Brunella Morandi**

Deadline for manuscript  
submissions:

**closed (15 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

Fruit tree cultivation accounts for about 7% of the total agricultural surface, and it plays an important role in economy, society, and environment. However, making fruit tree production economically and ecologically sustainable is particularly challenging, because trees are perennial and only a fraction of their bio-mass is used. Stressful conditions and improper agro-practices can affect current and future orchard performance. The study of tree functioning related to different and changing pedo-climates is deserving of great interest. Improving our knowledge of fruit tree ecophysiology will help to implement innovative practices based on a measure of real orchard needs.

Please share your research in fruit tree ecophysiology and innovative agro-practices in the present Special Issue. Submissions on but not limited to the following topics are invited: (1) tree (canopy, fruit, and whole plant) behavior as a function of genotype, environment, and management; (2) source/sink relations; (3) plant-based indices; and (4) innovative, ecophysiology-based agro-practices.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,  
Water and Environment  
Research, 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 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

## Contact Us

---

*Agronomy* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/agronomy  
agronomy@mdpi.com  
X@Agronomy\_Mdpi