

## Special Issue

# Climate Change and Plant Phenology: Challenges for Fruit Production

### Message from the Guest Editors

It is well known that climate change significantly impacts plant phenology. During summertime, the vegetation period can shift, affecting the reproductive cycle (i.e., flowering, veraison, ripening) and inducing changes in the quality of the fruits. Alongside the consequences of the exacerbation of summer stress, winter warming can cause significant damage to bud dormancy, compromising tree crop production. Bud break and, in some cases, flowering during autumn and wintertime have become common in mild winters, and the expected impact on the local economy could be catastrophic. Thus, new strategies are urgently needed for tree crop management. We also need to quantify the socio-economic impact of phenological disfunction on the production sector, setting up strategies to preserve the sustainability of the agricultural sector. This Special Issue focuses on the effect of climate change on tree crop systems and will include interdisciplinary studies merging agriculture with economy, molecular biology, ecophysiology, and climatology. We encourage research articles studying different economically important tree crops as well as minor/new species from different points of view.

### Guest Editors

Dr. Laura Rustioni

Dr. Rachele Falchi

Dr. Giulio Paolo Agnusdei

Dr. Valeria De Rosa

Dr. Mounir Kherroubi

Dr. Daniel Grigorie Dinu

### Deadline for manuscript submissions

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## Agriculture

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*Agriculture*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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