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Effects of Climate Change on Olive Oil Yield and Quality

Guest Editors:

Dr. Giora Ben-Ari

Volcani Center, Institute of Plant
Sciences, ARO, Rishon LeZion
7528809, Israel

Dr. Georgios Koubouris

Olive Cultivation Lab, Institute of
Olive Tree, Subtropical Crops and
Viticulture, Hellenic Agricultural
Organization ELGO-DIMITRA,
(NAGREF), 73134 Chania, Greece

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submissions:

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Message from the Guest Editors

Dear Colleagues,

The olive (*Olea europaea* L. subsp. *europaea* var. *europaea*) has throughout its long history been the most important oil tree crop of the Mediterranean basin. At present, the olive industry is undergoing a marked transformation in adjusting to today's economic and climatic demands. Climate change has affected olive tree physiology in ways similar to its impact on other crops. Abiotic stresses are often interrelated in causing morphological, physiological, biochemical, and molecular changes that adversely affect plant growth and productivity and ultimately lead to reduced yield. The sexual reproductive phase in plants has been proven to be vulnerable to the negative effects of abiotic stress.

The aim of this Special Issue is to bring together the latest advances in various aspects of the effects of climate change on olive yield and quality. We welcome original research papers, perspectives, opinions, reviews, modeling approaches, and methods that will be of interest to all those involved in adapting an ancient branch of agriculture to the challenges of the modern world and the current and future environmental conditions.



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Special Issue



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Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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