

Special Issue

Development and Cultivar Improvement of Nut Crops

Message from the Guest Editors

Nut fruits are among the most important horticultural crops, with production and consumption dramatically increasing due to their high nutritional and economic value. Therefore, the world's nut tree production has increased by 48% over the last 10 years (ca. 4.5 million metric tons). Almond and walnut were the top produced crops, accounting for 31% and 21% of the world share followed by cashews (17%), pistachios (14%), and hazelnuts (12%). The remaining 5% was distributed among pecans, macadamias, Brazil nuts, and pine nuts. Technical knowledge of nut tree production has been rapidly increased in line with increasing demand for their production. One of the main issues to cause such extraordinary progress is the use of suitable cultivars and rootstocks for nut trees to increase yield, cultivate in poor soil and various climates, overcome stresses and improve their fruit quality. Considering the release of new cultivars and rootstocks of nut trees and the great advances in orchard management technology in the 21st century, this Special Issue focuses on the recent advancements in the development and cultivar improvement of nut crops.

Guest Editors

Prof. Dr. Kourosh Vahdati

Dr. Anita Solar

Dr. Neus Aletà

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

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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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