

Special Issue

New Crops for Arid Regions

Message from the Guest Editor

Ongoing and projected climate change towards higher temperatures, greater aridity, and more frequent erratic climate events have become a major threat to agricultural sustainability. Coping with this challenge requires improving productivity of major crops, alongside increasing crop diversity and developing new crops highly adapted to arid conditions. In this respect, both crops grown in new areas or for new uses, as well as newly domesticated plant species are considered new crops. The introduction of any new crop requires comprehensive studies of various aspects, including management, physiology, genetics, breeding, yield production, quality, and utilization. In the context of this Special Issue, the characteristics of crop adaptation to arid conditions are also highly important. In this Special Issue, we aim to exchange knowledge on any aspect related to new crops for arid regions, thus facilitating their introduction and improving crop production in these harsh environments.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2021)



Agronomy

an Open Access Journal
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Impact Factor 3.4
CiteScore 6.7



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