

Special Issue

Coping with Water Scarcity in Agriculture

Message from the Guest Editor

Water scarcity is one of the fundamental challenges to sustainable development. It can be caused by physical, institutional, economic and infrastructure-related constraints and is linked to pressures emanating from population growth and mobility, socio-economic development, dietary changes, and climate change. The projected 50 percent increase in food demand by 2050 challenges agriculture to be a major part of the efforts to tackle water scarcity. Silo-type approaches that do not take into account intersectoral dependencies have proved to be sub-optimal at best and exacerbating in more typical cases. This Special Issue provides a “water lens” to the options available to policy makers, and lessons learned from tested solutions in agriculture sectors. The recognition of the issues by countries through SDG commitments and nationally determined contributions within the climate change context provides hope that the policy options will be adopted and the success stories will be upscaled. Selected papers from the 1st International Forum on Water Scarcity in Agriculture (Praia, Cabo Verde, 19–22 March 2019) will be considered for possible publication in the special issue.

Guest Editor

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Food and Agriculture Organization of the United Nations (FAO)

Deadline for manuscript submissions

closed (31 October 2019)



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