

Special Issue

Biosaline Agriculture and Salt Tolerance of Plants

Message from the Guest Editors

Worldwide data indicate that 20% of the total cultivated area (upland and irrigated) and 33% of irrigated agricultural land are affected by excess salts in the soil. Furthermore, a significant part of the water sources in these regions, notably groundwater, have high concentrations of salts, which is a limiting factor for agricultural production. On the other hand, the growing demand for food because of population increases, the scarcity of water resources and land for the expansion of agriculture, and global climate change scenarios indicate the need to use these saline resources. In this context, Biosaline and Halo Agriculture appears to be one of the sustainable tools to increase food production and create job opportunities and sources of income for farmers. Given this, *'Agriculture'* is inviting researchers to contribute to a Special Issue on *Biosaline Agriculture and Salt Tolerance of Plants*. For this Special Issue, contributions are expected that present successful examples of biosaline agriculture in different parts of the world, as well as studies on crop tolerance to salinity, strategies for the use of brackish water, and the bio-remediation of salt-affected soils.

Guest Editors

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Deadline for manuscript submissions

closed (25 June 2023)



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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.

Editor-in-Chief

Prof. Dr. Les Copeland

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