



Identification of Traits Contributing to Salt Tolerance in Crops

Guest Editors:

Prof. Dr. Ana I Ribeiro-Barros

GeoBioTec, Faculdade de Ciências e Tecnologia (FCT), Universidade NOVA de Lisboa (UNL), 2829-516 Caparica, Portugal

Prof. Dr. Patrícia Santos

Department of Biochemistry and Molecular Biology, University of Nevada, Reno, NV 89557, USA

Prof. Dr. Dylan Kosma

Department of Biochemistry and Molecular Biology, University of Nevada, Reno, NV 89557, USA

Message from the Guest Editors

Dear Colleagues,

Climate change and population growth are the major challenges of the millennium. It is estimated that climate extreme events, such as gas emissions, heat and drought, and soil salinization will impose a loss of nearly half of all arable land by 2050. The latter is considered the most severe limiting factor for agriculture, affecting ca. 20% of the global cultivable area, with a predicted annual expansion rate of 10% in the coming decades. In this context, crop breeding towards salt tolerance is the elected strategy to cope with the imposed changes. This Special Issue aims to integrate research on the salt stress responses of crops, underused crops, and crop wild relatives towards the identification of useful traits for breeding programs.

Deadline for manuscript submissions:

closed (31 August 2020)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi