



Breeding and Genetics of Forages for Semi-Arid and Arid Rangelands

Guest Editor:

Dr. Joseph Robins

USDA-ARS Forage and Range
Research Lab., Utah State Univ.,
Logan, UT 84322, USA

Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editor

Rangeland disturbances, including overgrazing and wildfire, result in the loss of perennial plant materials and soil destabilization. To address the effects of these disturbances, land managers seed rangelands to revegetate rangeland sites and improve the forage base for domestic livestock and wildlife. In response to revegetation projects, breeding and genetic programs began with the objective to develop plant materials specifically for the establishment, production, and persistence on these rangeland sites. We invite rangeland breeding and genetic researchers to submit articles for consideration in this Special Issue. Specifically, we seek articles describing (1) germplasm evaluation and enhancement of rangeland species using phenotypic and sequencing approaches; (2) quantitative genetic evaluations of rangeland plant breeding populations, including heritability and genetic by environment interaction studies; and (3) mapping and functional genomic studies to identify genomic regions underlying key traits for rangeland applications.





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), GEOBASE, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / 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