

Special Issue

Challenges for Preserving Rangelands: Navigating Disturbances for Sustainable Ecosystem Services

Message from the Guest Editors

Rangelands cover approximately 50% of the Earth's land surface, support extensive livestock husbandry and provide multiple ecosystem services, including food production, biodiversity conservation, climate regulation and recreation. However, rangeland agroecosystems are under increasing pressure from anthropogenic drivers such as land use change, disturbance regime alteration, increased nutrient deposition, grazing by domestic herbivores, fire, plant invasions and encroachment. These drivers are altering the structure and functioning of rangelands, threatening the provision of services. This Special Issue focuses on different natural and anthropogenic disturbances affecting rangelands and their consequences for their structure and function. Disturbances can be considered abiotic (drought, floods, fire), chemical (herbicides, eutrophication) and biological (overgrazing, encroachment, invasion). Strategies to restore and improve their productivity and sustainability in the face of disturbance are also encouraged. Research and review articles and short communications are invited

Guest Editors

Dr. Adriana M. Rodriguez

Dr. Agustín A. Grimoldi

Prof. Dr. Pedro M. Tognetti

Deadline for manuscript submissions

30 July 2025



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/221904

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

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

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 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)