



## Sustainable Crop Productivity under Climate Change: Resilience, Nutritional Quality and Implications for Future Management

Guest Editor:

**Dr. Jūratė Žaltauskaitė**

Department of Environmental  
Sciences, Vytautas Magnus  
University, 46265 Kaunas,  
Lithuania

Deadline for manuscript  
submissions:

**31 May 2025**

### Message from the Guest Editor

Dear Colleagues,

Ensuring sustainable agriculture and global food security is one of the biggest challenges under the changing climate. The major factors limiting forage crop productivity and therefore threatening food security are extreme climate events. In recent years, extreme climate events have occurred at unprecedented intensity and frequency, and they are projected to further increase in number. The effects of elevated CO<sub>2</sub> concentrations and temperatures and reduced soil water content on forage crops are well documented; however, comprehensive information on forage crops' response to extreme climate events is severely lacking.

This Special Issue of Sustainability encourages the submission of manuscripts targeted on-field or controlled experiments investigating the impact of extreme climate events (drought, heat wave, flooding, extreme precipitation, freezing, fire, etc.) on forage crops' productivity. Articles addressing technological advancements in forage crop management are also welcome. High-quality original research articles, short communications or review articles addressing forage crops' resilience, nutritional quality and management are welcome.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
X@Sus\_MDPI