Special Issue

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

Message from the Guest Editor

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 CO2 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.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2025)

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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.

Editor-in-Chief

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