

Special Issue

Agro-Ecosystem Responses to Climate Change: Adaptation and Mitigation

Message from the Guest Editors

Agriculture and climate change are inextricably tied. Agronomic practices exacerbate climate change by contributing to increased greenhouse gas (GHG) levels, while increasing temperature and precipitation variability caused by those emissions are challenges to production. However, creative alterations to traditional irrigation, fertilization, animal feeding, and cropping can reduce GHGs, increase efficiency, and improve soil and water quality. To highlight these challenges and advances, we are soliciting articles for a Special Issue in the journal *Agronomy*, titled “Strategies to Address Climate Change in Agro-Ecosystems: Adaptation and Mitigation”. We encourage submissions focused on climate impacts on water use in agro-ecosystems, agronomy effects on carbon and nitrogen cycling, changes to crop production and resource utilization due to climate change, greenhouse gas mitigation, and soil carbon storage. Submissions may be from empirical or modeling studies, as well as quantitative research reviews and meta-analyses.

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Deadline for manuscript submissions

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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.

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Editor-in-Chief

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