CALL FOR PAPERS

The 2025 Climate Change Impacts on Natural Resource and Agricultural Systems Special Collection

You are invited to submit a manuscript(s) for the peer-review collection of papers on to be published by the Journal of Natural Resources and Agricultural Ecosystems

Natural resources and agricultural systems are dependent on climate and weather events. Global warming is expected to bring complicated changes in precipitation patterns and hydrological cycles, which have critical implications for the management of water, land resources and agriculture. Climate change is already affecting the environment, plants and crops, ecosystems, society and economies. Extreme weather events, such as storms, drought, and heat waves, are happening more frequently, and the plant hardiness zones are shifting north (in the Northern Hemisphere). The development of climate change mitigation and adaptation plans requires evaluating the potential impacts.

The local impacts of global climate change will vary widely depending on many factors, including social and economic situations, environmental conditions and policy, land use practices, etc. Every area and community will have unique consequences of the change; plans and measures developed for one location may or may not be applicable in others. Thus, impact evaluation and planning need to consider the locality as well as the globality of climate change. The corroborative findings and evidence of the impacts from localized or regionalized studies are required to have a systematic understanding and insights into climate change impacts and the variability of its impact on different communities. In terms of hydrology and water supply, this is particularly critical given the impact water quality and quantity availability has on all aspects of a community and region.

This Special Collection of peer-reviewed papers invites studies that 1) evaluate climate change impacts on natural resources and agricultural systems, 2) address the connection of climate change to water supply and greater socio-economic implications, 2) develop mitigation and adaptation strategies/plans to address the impacts of climate change, 3) propose new methodology and frameworks to improve the precision and accuracy of climate change impact assessment, 4) provide reviews on state-of-the-art findings and technologies and the context for future climate change research related to natural resources and agricultural systems and 5) demonstrate climate change impacts and successful mitigation/adaptation actions for a case study.

Instructions for interested authors:

1) Submit your manuscript to Journal of Natural Resources and Agricultural Ecosystems before 31 December 2024.
2) Submission will follow ASABE procedures (https://www.asabe.org/JournalAuthors) and should use the latest template (https://www.asabe.org/ManuscriptTemplates).
3) Indicate in the submission letter that the manuscript should be considered for the 2025 Climate Change Impacts on Natural Resource and Agricultural Systems.
4) Papers included in the Special Collection will receive additional benefits:
   - All articles in the journal are open access.
   - Papers will be highlighted in an introductory article and will include an identifying logo.

The article processing charge is determined by the type of article and length, if over the maximum length for the article type. See https://asabe.org/APC#JNRAE for details.

Each paper will go through a full peer-review process following ASABE procedures. The 2025 Climate Change Impacts on Natural Resource and Agricultural Systems Collection will require contributions from many reviewers. We expect each author will serve as a reviewer for other manuscripts when requested.
First decision will be by 1 Feb 2025 and final acceptance by 1 Apr 2025. Papers will be published in 2025. If you have any questions Young Gu Her (yher@ufl.edu) or Kati Migliaccio at klwhite@ufl.edu.

Kati Migliaccio, NRES Community Editor, ASABE Journals, Young Gu Her, Guest Editor and Coordinator of the Special Collection