Special Issue

Sustainable Agriculture for Climate Change Adaptation

Message from the Guest Editors

Agriculture both contributes to climate change and is affected by climate change. In particular, agricultural practices and processes can result in significant amounts of methane and nitrous oxide, two powerful greenhouse gases, being released. According to the OECD, agriculture contributes a significant share of the greenhouse gas (GHG) emissions that are causing climate change: approximately 17% directly through agricultural activities and an additional 7% to 14% through land use changes. Agriculture is also likely to be severely affected by climate change. Flooding and droughts will be more common and productivity is expected to decrease in certain parts of the world. However, there is significant potential for efficiency savings and technical solutions exist but these must

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Deadline for manuscript submissions

closed (30 September 2019)



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About the Journal

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of Climate is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

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