



Climate Change in Complex Systems: Effects, Adaptations, and Policy Considerations for Agriculture and Ecosystems

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Message from the Guest Editors

To date, much of the land- and water-related literature on climate change effects and adaptation efforts has generally focused on either agriculture or ecosystems. Consequently, the interdependence of agriculture and ecosystems through runoff, trade-offs, feedback loops, and synergistic effects has been largely overlooked. Given that global climate change is expected to lead to pronounced changes to both of these systems, independent analyses of these systems might overlook the key interrelationships necessary for understanding the vulnerabilities, adaptation possibilities, and outcomes. In contrast, comprehensive research efforts that consider both systems concurrently are likely to provide more comprehensive and accurate conclusions.

Kind regards,

Prof. Dr. Bruce A. McCarl

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Prof. Dr. Thomas Lacher

Guest Editors





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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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