



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

Guest Editors:

**Prof. Dr. Bruce A. McCarl**

**Dr. Anastasia W. Thayer**

**Prof. Dr. Thomas Lacher**

**Dr. Aurora M Vargas**

Deadline for manuscript  
submissions:

**closed (31 January 2020)**

### 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

Dr. Anastasia W. Thayer

Prof. Dr. Thomas Lacher

*Guest Editors*

