

Special Issue

Agricultural Land Use, Economics and Climate Change

Message from the Guest Editors

Land use and climate change are complexly intertwined. Land provides food, fiber, timber, energy, ecosystem services, and biodiversity. Land productivity and processes are highly influenced by the climate, which is undergoing change due to factors including greenhouse gas fluxes. On the other hand, land is also involved with greenhouse gas fluxes, sequestering carbon, emitting gasses, and producing products that can replace commodities which are intensive in greenhouse gas emission. Thus, land is both influential in the drivers of climate change and is affected by the changing climate—a complex interrelationship. Land management can influence the interrelationship in two ways: it can reduce greenhouse gas net emissions, mitigating climate change; it also alters the practices or susceptibility of production systems to adapt to climate change, limiting the effects of climate change. Research is needed in the domain of land use, land productivity, land-based greenhouse gas flux, climate change, and land management, because both future land use/productivity and the extent of climate change depend on land management and climate change interactions.

Guest Editors

Prof. Dr. Bruce A. McCarl

Dr. Chengcheng Fei

Dr. Jianhong Mu

Deadline for manuscript submissions

closed (25 April 2022)



Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



mdpi.com/si/58221

Land
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
land@mdpi.com

[mdpi.com/journal/
land](https://mdpi.com/journal/land)





Land

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



[mdpi.com/journal/
land](https://mdpi.com/journal/land)



About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Prof. Dr. Christine Fürst
Department Sustainable Landscape Development, Institute for
Geosciences and Geography, University of Halle, Halle, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SSCI (Web of Science), PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)