

## Special Issue

# Land-Use Change and Ecosystem Carbon Dynamics

### Message from the Guest Editors

This Special Issue invites articles focusing on quantifying the effects of land change on ecosystem carbon balance.

- Improved attribution of disturbances from remote sensing platforms, including timber harvest, fire, insect outbreak, and storm damage, with specific implications towards carbon monitoring and assessment.
- Quantification of soil and ecosystem carbon fluxes resulting from different types of land-use and land-cover conversion.
- Quantification of terrestrial to aquatic lateral transfers of carbon resulting from land-use and land-cover change.
- Improved scaling, with uncertainty, of site-level empirical observations of land change and ecosystem carbon balance to regional/continental scales.
- Improved data-model integration to provide more realistic projections of future land change impacts on ecosystem carbon balance.
- Local, regional, national, and global assessment and synthesis.
- Understanding impacts of climate adaptation and mitigation strategies on ecosystem carbon balance.
- Innovations in mapping and monitoring of ecosystem carbon stocks and fluxes.

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### Guest Editors

Mr. Benjamin M. Sleeter

Research Geographer, U.S. Geological Survey, Seattle, WA, USA

Dr. Paul C. Selman

Research Physical Scientist, U.S. Geological Survey, Menlo Park, CA, USA

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### Deadline for manuscript submissions

closed (28 February 2019)



## Land

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Impact Factor 3.2  
CiteScore 5.9



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## 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.

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### Editor-in-Chief

Prof. Dr. Christine Fürst  
Department Sustainable Landscape Development, Institute for  
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### Author Benefits

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

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#### Journal Rank:

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