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Land-Use Change and Ecosystem Carbon Dynamics

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Deadline for manuscript
submissions:

closed (28 February 2019)

Message from the Guest Editors

Dear Colleagues,

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

1. 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.
2. Quantification of soil and ecosystem carbon fluxes resulting from different types of land-use and land-cover conversion.
3. Quantification of terrestrial to aquatic lateral transfers of carbon resulting from land-use and land-cover change.
4. Improved scaling, with uncertainty, of site-level empirical observations of land change and ecosystem carbon balance to regional/continental scales.
5. Improved data-model integration to provide more realistic projections of future land change impacts on ecosystem carbon balance.
6. Local, regional, national, and global assessment and synthesis.
7. Understanding impacts of climate adaptation and mitigation strategies on ecosystem carbon balance.
8. Innovations in mapping and monitoring of ecosystem carbon stocks and fluxes.



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Special Issue



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Editor-in-Chief

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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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