# Special Issue

# Cropland Carbon

## Message from the Guest Editors

Ensuring global food security relies partly on increasing the intensity and acreage devoted to agricultural production. While agricultural lands have potentially large CO2 offset capacities, agricultural activities, including farm-related land clearing and deforestation contribute to climate change through GHG emissions. Regenerative agriculture (RA) techniques promise to address this dilemma by working to enhance soil and environmental health while maintaining or building on the yield gains in traditional intensive agriculture. In this SI, we invite papers focusing on, but not limited to, the following topics:

- Modeling/mapping of C fluxes in RA ecosystems
- Evaluating the use of EO data to monitor crop productivity as impacted by management techniques used in RA ecosystems
- Understanding the linkages between food security, climate change and soil degradation in traditional agriculture and RA ecosystems.
- Establishing baseline spatio-temporal datasets on RA management practices such as no-till, biochar, etc.

## Guest Editors

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## Deadline for manuscript submissions

closed (6 March 2022)

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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. I strongly recommend Land for your best research publications for a fast dissemination of your research.

## Editor-in-Chief

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