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Soil Carbon Sequestration and Climate Change Mitigation

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Deadline for manuscript submissions:

closed (10 December 2023)

Message from the Guest Editors

In depth understanding of the soil carbon sequestration processes and potential for stabilizing climate and food security which will give each country or region flexibility on recommending and implementing options that are more relevant to its priorities and challenges. Time and space variations in C sequestration potentials are barriers to large scale functioning and implementation of mitigation options. The special issue will be giving strong and proved scientific evidence to support decision-making about enforcing large scale adoption of soil carbon sequestration and capture options and initiatives.

(3) Suggested themes and article types for submissions.

- State of the art understanding soil carbon dynamics, sequestration processes and stabilization or regulation mechanisms;
- Soil carbon sequestration and capture options: benefits, potentials, scales and tradeoffs;
- Innovative methodologies and advanced assessment tools for measuring, monitoring and modeling soil carbon storage in soils and ecosystems;
- Soil carbon sequestration and climate change and variability;
- Soil carbon sequestration and food and nutrition security.



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

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