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Land Use Sustainability from the Viewpoint of Carbon Emission

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Message from the Guest Editors

Land-based sectors play significant roles in carbon emissions and removals, including agriculture, forestry, other land uses, as well as land use and cover change (LUCC). Although the topic has been drawing increasing attention, especially in terms of carbon emissions, the linkages between land use sustainability and carbon emissions are not well identified. For example, exactly what proportion of carbon emissions are from land use? What are the proportions of carbon emissions from natural land-use change processes, human land-use activities or relevant energy consumption? What strategies can be used to mitigate the carbon emissions from land-based sectors, including agriculture and forestry? What measures should be taken when cooperating with other sectors in order to achieve carbon emissions neutrality?

We are assembling this Special Issue to better answer these questions, and aim to analyse land use sustainability from the viewpoint of carbon emissions.

- land use
- sustainability
- carbon emissions
- carbon emissions neutrality
- carbon source
- carbon sink
- climate change
- agriculture
- forestry



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Special Issue

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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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