

Special Issue

Climate Change and Soil Erosion: Challenges and Solutions

Message from the Guest Editors

The goal of this Special Issue is to collect papers (original research articles and review papers) to give insights into the processes and mechanisms of soil erosion and climate change and the interactions between climate change and soil erosion, with a focus on empirical analyses, field observations, and data-driven innovations. We seek to elucidate the mechanisms by which climate change exacerbates soil erosion and how soil erosion, in turn, intensifies the climate crisis via carbon release, ecosystem degradation, and other pathways. The issue also highlights innovative solutions and prioritizes themes such as synergistic benefits of sustainable land management strategies in mitigating erosion and enhancing climate resilience, impacts of soil health restoration on food security, biodiversity conservation, and carbon sequestration potential, and the role of policy and governance frameworks in advancing cross-scale solutions, etc. This Special Issue will welcome manuscripts that link the following themes:

- soil erosion
- climate change
- extreme events
- soil and water conservation
- vegetation restoration
- terrace
- land management
- carbon cycle

Guest Editors

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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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