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Soil Carbon Sequestration for Mitigating Climate Change in Grasslands

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Message from the Guest Editors

Dear Colleagues,

Global warming is a contemporary issue with societal, economic, and ecological consequences, posing challenges to global production systems. Grasslands, which cover approximately one quarter of the world's surface, have a significant potential to sequester carbon and reduce greenhouse gas emissions. It is important to explore various aspects of carbon sequestration in grasslands, such as the choice between legume and grass species, the impact of converting arable farmland into grassland, the management of grazing intensity, fertilization methods, amendments, biochar applications; and the restoration of degraded grasslands in diverse regions and climatic zones. We encourage research submissions for this special edition to broaden our understanding and promote strategies on this topic, thus accelerating its application across different countries.

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Prof. Dr. Carlos Monreal
Guest Editors

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Message from the Editor-in-Chief

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