

Special Issue

Biochar: Application in the Agroecological Environment

Message from the Guest Editors

When combined, i.e., biochar integrated into various agroecological systems, many challenges and opportunities remain to be discovered, to eventually inform regulatory systems on how to sustainably use biochar in agroecology. In this Special Issue, we recognize agroecology in the broadest sense, e.g., including tillage intensity, continuous soil coverage, enhanced crop diversity, habitat measures, organic farming, integration of husbandry into crop rotation, agro-forestry, intercropping, and mixed grazing. Any studies that aim to improve one or more ecosystem services and monitor trade-offs are welcome. This Special Issue aims to exchange knowledge on any aspect related to the integration of biochar in existing agroecological systems and/or the introduction of new agroecological management techniques combined with biochar, thus facilitating their introduction and sustainably improving soil-based ecosystem services. Studies that apply biochar treatments in a conventional agricultural system, even if the aim is to restore ecosystem services, will not be accepted. We welcome original research, case studies, and reviews.

Guest Editors

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Deadline for manuscript submissions

closed (25 October 2022)



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Editor-in-Chief

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