

Special Issue

Agroecological Approaches for Climate-Smart and Biodiverse Agriculture

Message from the Guest Editors

Global climate change and biodiversity loss are two of the major challenges of our time; both have had varied impacts on natural and managed terrestrial ecosystems. Agriculture is one of the most vulnerable and influential sectors on actions in science, policy, and practice to build proactive adaptation. This issue aims to help move forward towards more climate-smart and biodiverse. Agroecological approaches are central in designing pathways for enhanced sustainability and resilience in agroecosystems. They can improve understanding of agroecosystem functions and ecological interactions, innovative nature-based solutions, or strategies for strengthening agrobiodiversity. Studies aiming to combine mitigation of and adaptation to climate change, or support for biodiversity and ecosystem services, are particularly encouraged. Systematic reviews, along with qualitative approaches on co-designing solutions together with stakeholders, are also very welcome. Overall, this issue makes efforts to exemplify agroecological approaches that contribute to sustaining more climate-smart, biodiverse and resilient agriculture, now and in the future.

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