

Special Issue

Sustainable Management of Agro-Biodiversity for Agricultural Production and Climate Mitigation

Message from the Guest Editors

Present agricultural lands have reached a stage where most soils are infertile (i.e., they produce nothing in the absence of inputs). Ever-growing population and food demand place a huge burden on soils to produce more food. Biodiversity is a regulator of agroecosystem functions that largely satisfies the diverse needs of farmers and society. Thus, reducing biodiversity loss and improving the essential ecosystem services provided by biodiversity are key to sustainable agricultural production. This can be achieved through feasible and impactful farming practices which follow ecosystem-based approaches or natural-based solutions. This Special Issue welcomes contributions from researchers around the world working on sustainable crop production in consideration of environmental (soil, water, and air) issues, including soil restoration, climate mitigation techniques, use of climate-resistant crop varieties, pest management, healthy crop production through balanced nutrient management, high-carbon biomass crops, management of soil nutrients and their interactions with crops and environment, and the techniques involved in pollution control.

Guest Editors

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Deadline for manuscript submissions

closed (1 April 2023)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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