

Special Issue

Cover Plants and Animal Manure as Fertilizer: Changes in Soil Nitrogen and Carbon Cycle

Message from the Guest Editors

Cover plants and animal manure may be used as nutrient sources for annual and perennial crops, increasing the nutrient cycling within agricultural land and reducing the costs with the acquisition of industrial fertilizers. Additionally, over the years, it is expected to modify chemical soil attributes. Thus, we invite researchers to contribute original papers and review articles about using cover plants and animal manure as fertilizer, investigating the effect on changes in soil carbon and nitrogen content and stocks, with application periods in the soil of at least five years of animal manure or use cover plants. Potential topics include but are not limited to the following: (1) Soil carbon and nitrogen with a history of cover plant utilization in succession or rotation crops; (2) Soil carbon and nitrogen with a history of animal manure applications; (3) Fractions and accumulation of carbon and nitrogen in areas with soil cover plants that are intercropped or single; (4) Fractions and accumulation of carbon and nitrogen in areas with animal manure applications; (5) Soil carbon and nitrogen in soil aggregates with a use history of cover plants or animal manure

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