

Special Issue

Role of Organic Amendments in Carbon and Nutrient Cycling, and Soil Functionality

Message from the Guest Editor

Organic amendments (OAs) are commonly applied in horticulture and intensive and, to a lesser extent, extensive agricultural systems. However, the outcomes from these practices are not particularly well understood. This Special Edition will focus on: 1) how OAs interact with soil organic matter, resulting in changes to the SOM pool and associated priming effects, and what characteristics of the OAs (e.g., stoichiometric ratio) and receiving soils control this interaction 2) quantification and/or prediction of “how much” and “when” a nutrient becomes plant available (from the OA or through SOM priming, and the role of edaphic and climate variables) 3) the role of OAs in controlling specific soil functions, and the development of resilience to stressors. The Special Edition will accept reviews and meta-analyses where they help to address the questions posed by this Special Edition, as well as controlled mechanistic studies and field trials.

Guest Editor

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