# Special Issue

# Management Practices Affect Soil Carbon and Nutrient Dynamics

### Message from the Guest Editor

The projected increase in ambient temperature, frequent erratic climate change, and the elongated drying period presents real threats to agricultural production and food security. The adaptation to climate change is imperative to sustain ecosystem functioning and productivity. Land and nutrient management are among the critical components of sustainable agriculture to enhance productivity and promote environmental sustainability with minimum inputs. Conservation management strategies that increase soil organic carbon (SOC), enhance nutrient use efficiency (NUE), and minimize nutrient losses are needed across the globe to reduce inputs. Management practices, such as tillage; cropping sequence; fertilizer addition; organic amendment; cover crop; weed control. The framework of this Special Issue, the best management practices (BMPs) to increase SOC and productivity with minimum nutrient losses and inputs. In this Special Issue, we aim to exchange knowledge regarding the land management of different regions that influence SOC and nutrient dynamics with continuous environment changes.

### Guest Editor

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