Special Issue

Disease Suppressive Soils for Crop Pest Management

Message from the Guest Editor

Soilborne pests and pathogens are a limiting factor for crop production, especially for germinating or recently transplanted plants. Disease-suppressive soils have been documented to occur naturally in specific fields in which crop planted do not succumb to soilborne pathogens. Various techniques have been applied in an attempt to recreate or generate suppressive soils, such as planting specific cover crops, incorporating soil amendments, and anaerobic soil disinfestation. All of these techniques increase soil nutrients and desired microbial populations to manage plant pests. The era of '-omics' provides insight into these microbial populations and notably combines basic and applied research. This Special Issue will focus on "Disease Suppressive Soils for Crop Pest Management". We welcome novel research, reviews, and opinion articles covering all related topics including microbial ecology, plant growth-promoting rhizobacteria, cover crop, soil disinfestation, soil health, soilborne pathogen and pest control, soil chemistry, agronomy, horticulture, modeling, economic impact, grower outreach, and policy positions.

Guest Editor

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