Special Issue

Humic Substances: A Novel Eco-Friendly Fertilizer

Message from the Guest Editor

Humic substances (HS) are effective electron shuttling compounds, providing macro- and microelements in organochelate forms and can thus play an important role in determining the mobility and bioavailability of organic/inorganic nutrients and mineral fertilizers. They enhance soil biological life by boosting highly concentrated populations of soil microorganisms. This Special Issue will focus on "Humic Substances: A Novel Ecofriendly Fertilizer". We welcome novel research, reviews, and opinion pieces covering all related topics, including:

- Physicochemical properties of HS, derived from different origins, which influence their operational activity;
- Interactions/complexation/chelation of HS with chemical compounds affecting HS functionality;
- Impact of HS on the environment and living organisms;
- Ecofriendly waste management processes, i.e., retention, adsorption, composting, connected to HS fate;
- Innovative technologies, concepts, and approaches for application and testing of HS-contained materials in soils and plants.

Guest Editor

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