

## Special Issue

# Humic Substances: Importance for Agriculture, Affinity and Interactions with Soil Amendments and Pollutants

### Message from the Guest Editor

Humic substances (HSs) constitute a major pool of recalcitrant organic carbon and nitrogen in soils and sediments. HSs have a beneficiary effect on soil aggregation and structure, pH buffering, cation exchange and water retention capacity, they regulate immobilization and transport of nutrients, affect plant metabolism and enzymatic activity related to cell processes acting as promoters, biostimulants and stress relievers. This Special Issue will focus on “Humic Substances: Importance for Agriculture, Affinity and Interactions with Soil Amendments and Pollutants”. Original research articles, review articles, communications, letters and opinions are welcome, providing innovative insights into all related topics of interest that include, but are not restricted to:

- structural and physicochemical properties of HSs, characterization of fractions;
- interactions of HSs with chemical compounds related to sustainable agriculture;
- impact of HSs and HS-containing materials on soils, plants, living organisms, animals;
- association of HSs with toxic compounds to remove pollutants;

### Guest Editor

Dr. Maria Roulia

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### Deadline for manuscript submissions

closed (31 July 2023)



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