

## Special Issue

# Humic Substances and Compost in Agriculture: Types, Properties and Application

### Message from the Guest Editors

Humic substances participate in all processes occurring in soil, and thus, influence its physical, chemical and biological properties. These compounds improve the buffering capacity of soils, provide plants with available microelements, and immobilize organic pollutants and metals. Humic substances also determine the production potential of soils and perform environmental functions by participating in the global carbon cycle. As a result of increasing soil degradation and losses of organic carbon due to changes in land use and the intensification of agricultural production, local, regional and global soil protection has become one of the key objective for the management of carbon resources. Therefore, it is important to understand the nature, composition and dynamics of transformations of humic substances. Preserving soil humus resources is important not only in terms of soil productivity but also from the point of view of the role of soils in sequestering (binding) carbon from the atmosphere. Original research articles and review articles are welcome, providing innovative insights into humic substances and compost in agriculture.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 November 2024)



## Agriculture

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*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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