Special Issue

Molecular Characterization of Soil Organic Matter

Message from the Guest Editors

Organic matter plays a marked role in the genesis and evolution of soils, as well as in the global C cycle. In fact, soil organic matter (SOM) constitutes the largest reserve of C on the Earth surface. The interest of SOM characterization relies in that this is an extremely active agent in soil functioning, with direct and indirect effects on soil physical, chemical, and biological properties, which in turn affect long-term productivity, stability, and main ecosystem services. This Special Issue on "Molecular Characterization of Soil Organic Matter" intends to compile the latest advances toward a better molecular knowledge of the most reactive part of soils (SOM). Therefore, we invite authors to submit recent and original research papers and/or reviews to improve our knowledge of the structure and properties of SOM and its fractions (physical, chemical, humic) in different scenarios and situations. Papers dealing with the molecular characterization of SOM that include cutting-edge analytical and chemometric approaches are particularly welcome.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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