



Molecular Characterization of Soil Organic Matter

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Deadline for manuscript submissions:

closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

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.

Dr. Nicasio Tomás Jiménez-Morillo

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Guest Editors





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Message from the Editor-in-Chief

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