

Special Issue

Polymer Composites for Advanced Applications on Maintaining Soil Health

Message from the Guest Editor

Maintaining soil health is critically vital for developing green agriculture and keeping food security. Utilization of carbon-based polymer composites on soil improvement and remediation, e.g., humic substances, has captured the public's attention. Humic substances function by binding metals/ions/molecules/other biopolymers, retaining water, improving soil structure, taking part in redox reactions, etc., owing to their abundant oxygen-containing functional groups, including carboxyl, phenolic hydroxyl, alcohol hydroxyl, carbonyl, quinone and methoxy -groups, and their connected superior physicochemical properties. Of course, humic substances are not the only polymers that can maintain soil health. All these potential soil applications of polymers will be covered in this Special Issue, which welcomes the submission of both reviews and original research articles in this area.

Guest Editor

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Deadline for manuscript submissions

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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