

Special Issue

Polymers for Soil in Agriculture and Urban Landscaping

Message from the Guest Editor

The accumulation of organic carbon in the form of complex biopolymers is one of the main processes that control the properties and functioning of natural soils. However, this is a long process that takes place over centuries and even millennia. Is it possible to accelerate the formation of soils and their fertility in agricultural landscapes and urban ecosystems through the use of synthetic polymer materials? How many of these polymers are needed? Will such polymers be stable in soils, and how long will their positive effects last? The aim of the Special Issue is to explore the innovative achievements and key challenges in the application of polymers for soils in agriculture and urban landscaping. The Special Issue will cover the following main topics: A. Polymeric materials with desired properties and nanostructural organization B. The challenges of polymer stability and the functioning of polymeric materials in biologically and chemically active polydispersion porous media of soils. C. Methodologies for laboratory and field trials focused on polymers used in agriculture. D. Environmental and economic problems of polymer applications in agriculture

Guest Editor

Prof. Dr. Andrey Valentinovich Smagin

Soil Science Department, Lomonosov Moscow State University, GSP-1, Leninskie Gory, Moscow 119991, Russia

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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Message from the Editor-in-Chief

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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