



Polymers for Soil in Agriculture and Urban Landscaping

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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





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Message from the Editor-in-Chief

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