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Risk Assessment of Emerging Pollutants in Soil

Guest Editor:

Dr. Yan Li

Collaborative Innovation Center
of Sustainable Forestry, College
of Forestry, Nanjing Forestry
University, Nanjing, China

Deadline for manuscript
submissions:

closed (31 May 2024)

Message from the Guest Editor

Dear Colleagues,

Since the industrial revolution, the global economy has advanced rapidly, while the population has also increased dramatically. Urbanization and industrialization have led to increasingly serious environmental pollution, particularly in some developing countries. Pollutants emitted by anthropogenic activities such as printing and dyeing, the chemical industry, non-ferrous metal mining and smelting, etc., enter the soil via atmospheric deposition and surface runoff, causing ecological pollution, and also enter the human body via crops, threatening human health. In recent years, emerging pollutants, including perfluorinated compounds (PFC), carcinogenic polycyclic aromatic hydrocarbons (PAHs), and other persistent organic pollutants (POPs), have received widespread attention due to their high stability, bioaccumulation, and ecological toxicity. Therefore, it is necessary to establish the relevant risk assessment, migration and transformation mechanism, and source apportionment system for pollution management and control.

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mdpi.com/si/191122

Special Issue



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Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

Message from the Editor-in-Chief

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Contact Us

Toxics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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