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Risk Assessment of Emerging Pollutants in Soil

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Deadline for manuscript
submissions:

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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Message from the Editor-in-Chief

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