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Soil and Water Pollution in Agriculture

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Message from the Guest Editors

Soil and water pollution have historically impacted agricultural production and food safety, which has worsened in many agricultural regions of the world. Pollutants such as pesticides, heavy metals, and emerging organic contaminants not only pose environmental risks to agricultural ecosystems but also to human health. Although cities and industries are well known sources of the pollution, agriculture is among the leading causes of soil and water pollution globally due to the discharge of large quantities of agrochemicals, nutrients, organic matter, livestock manure, drug residues, saline drainage inducing salinization and alkalization, microplastics, and pathogens. The increasing contribution of agriculture to soil and water pollution have led to many negative effects on agricultural production, which is expected to escalate the increasing threat to human health, the environment, and sustainable development. [...]

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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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