Special Issue

Potentially Toxic Elements and Agrochemicals: Prevalence, Health Implications, and Sustainable Management of Agroecosystems

Message from the Guest Editors

Potentially toxic elements (PTE) are not only threatening water and soil bodies but are also a big issue in agroecosystem. Vegetables and cereal crops grown in contaminated regions are one of the greatest threats to food security and human health, as they can readily accumulate elevated levels (beyond recommended limits) in their edible and inedible (fodder) parts. Similarly, pesticides are widely used in producing food to control pests. Accumulated pesticide residues in food products have been associated with a broad variety of human health hazards. Therefore, this issue of food contamination has become a global concern. A better understanding of the regulation mechanisms of crop PTE and pesticide accumulation is a prerequisite to improving the safety of the food chain. The main purpose of this Special Issue is to provide the international scientific community with detailed knowledge of the distribution and accumulation of PTE and pesticides in agricultural soil and different crops in several countries around the world and state-of-the-art remediation approaches to manage crop and soil pollution.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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