Special Issue

Soil Contamination and the Strategies to Reduce Pollutant Accumulation in Crops

Message from the Guest Editor

The continuous use of contaminated agricultural soil has given rise to pollution in cereal crops, fruits, vegetables, and other commercially important plants in recent years. Therefore, it is urgent to minimize the pollutant accumulation in crops through soil remediation, pollution-safe cultivar breeding, microbial agents, and other potential strategies. For this Special Issue, we cordially welcome scientific contributions aimed at food safety by reducing pollutant accumulation in crops. Both high-quality original research papers and comprehensive reviews are welcome. The areas of interest encompassed by this Special Issue include, but are not limited to, the following:

- Pollutant migration and transformation in soil ecosystems;
- Phytoremediation, microbial agents, cropping patterns, and other approaches to reduce crop contamination;
- The pollutant behavior in crops and hyperaccumulator plants;
- Microbial remediation and microbial response to the soil contamination;
- The plant physiology and molecular mechanism responding to the pollutant exposure;
- Environmental policy to manage the accumulation of pollutants in crops.

Guest Editor

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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