Special Issue

Plant Resilience in Polluted Soil

Message from the Guest Editors

Pollutants, such as toxic trace elements, excess mineral nutrients, salt, alkali, and organic compounds, are posing a great threat to crop production by impacting plant growth and quality. Improving plant resilience to the environmental challenge depends on a deep understanding of the way of plant adaption to polluted soil and genetic improvement for breeding crops for sustainable agriculture. This Special Issue aims to collect the most current findings and research advancement on plant resilience to the pollutants, including the mechanism for plant stress adaption, plant–pollutant interactions, plant–microbe interaction against environmental pollutants, crop breeding and genetic improvements, exogenous regulation of plant tolerance, etc. It is open to different types of manuscripts such as original research articles, communications, or reviews relevant to the studies of plant resilience at morphological, physiological, biochemical, molecular, and ecological levels. Both field trials and laboratory studies are welcome.

Guest Editors

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