Special Issue

Accumulation and Distribution of Elements in Crop Plants

Message from the Guest Editor

Human diets can often be lacking in key essential elements, for example iron, zinc and selenium. One mechanism to rectify this is through increasing the concentration and bioavailability of these key essential elements in plant produce. On the other hand, plant produce can be a pathway for unwanted elements, like arsenic and cadmium entering the human diet. There are numerous ways that elemental uptake and accumulation can be modified in crop plants, through both agronomic practises and crop development. This Special Issue calls for manuscripts that explore the accumulation of both essential elements and potentially toxic elements in plants, with a focus on methods for increasing essential nutrient accumulation and mitigating potentially toxic elements in crop plants.

Guest Editor

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