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Soil Ecology and Nutrients' Cycling in Crops and Fruits

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Message from the Guest Editors

Soil ecology and nutrient cycling are important for plant stability maintenance and sustainable ecology. This Special Issue focuses on the actual transport of soil nutrients and agronomic responses of crops. Many factors affect the availability of soil nutrients to plants, including fertilization rates, different yield scenarios, nutrient dosages of soil types and soil chemical properties, yield potential, and climate, among the others. In crops and fruits, some aspects of nutrient cycling are still poorly understood. Techniques to improve efficiency of nutrient-efficient cultivation show considerable promise. With a better understanding of soil ecology and how nutrients cycle through plants, it is possible to increase in a sustainable manner both yields and crops' quality, while preserving the ecosystem services provided by agricultural soils.

The innovations in this Special Issue are the recycling of agricultural and plant by-products or wastes, recycling of energy and nutrients, and the improvement of soil properties.



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Special Issue



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Message from the Editor-in-Chief

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