Special Issue

Maximizing Crop Yield and Resource Use Efficiency: Innovative Agronomic Practices (Volume II)

Message from the Guest Editor

The global population is continuously increasing, but the Earth's natural resources are either fixed or dwindling. On the other hand, improper agricultural performances in the production process are still resulting in soil degradation and environmental pollution (air, water). Hence, producing enough food in an environmentally friendly manner is facing its ever-greatest challenge. Coping with this challenge requires agricultural green production, i.e., maximizing crop yield and resource use efficiency, alongside minimizing environmental footprint. Innovative agronomic practices could help to achieve these goals, including improvement of soil fertility, rational design of cropping systems, introduction of new varieties, watersaving technology, development of efficient fertilizers, precision nutrient management, precision agriculture, etc. In this Special Issue, we aim to exchange knowledge on any aspect related to innovative agronomic practices in diverse environments that help to maximize crop productivity and resource (radiation, water, nutrient, etc.) use efficiency.

Guest Editor

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