

Special Issue

Sustainable Horticultural Practices

Message from the Guest Editors

As resources such as arable land and water are becoming more and more limited and consumers are getting more and more environmentally conscious, the horticulture industry is increasingly adopting sustainable practices in various sectors. The practices may include but are not limited to peat alternatives in greenhouse container production, sensor-based irrigation monitoring and control, precision agriculture, crop rotation, ground cover mulch systems, organic fertilizers and herbicides derived naturally from renewable plant and animal wastes, and space- and water-efficient production under increasingly efficient light-emitting diodes in indoor environments. Sustainable horticultural practices may reduce production input, reduce environmental impact, increase resource use efficiency, and improve water body and soil biodiversity. Therefore, in this Special Issue, we will highlight various sustainable practices in different sectors of the horticulture industry (greenhouse, nursery, fruit and nut, vegetable and viticulture, and floriculture) and the impact on overall sustainability.

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