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Novel Growing Media and Stand-Alone Substrates for Sustainable Agriculture

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Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

Unfavorable conditions for sustainable agriculture, such as decreasing arable land, increasing urbanization, water shortages, and climate change, exert pressure on farmers and may represent a deplored disadvantage for human and environmental health safety. One of the most promising approaches to undertake this challenge is called “sustainable intensification”, which attempts to combine increased production without damaging its supporting ecosystem by following innovative procedures.

The general idea of this Special Issue is to afford an international base for revealing the underlying physico-chemical, agronomic, physiological, and ecological mechanisms of the new organic and inorganic materials used as growing media constituents or stand-alone substrates for horticulture and floriculture productions, with the aim of improving their productive, qualitative, and human–environmental health and safety traits. Thus, submissions of research articles, reviews, short notes, and opinion articles reporting novel scientific findings on the aforesaid topics are welcome.

- growing media
- organic, biodynamic and sustainable agricultural procedures

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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