



Smart Agriculture and Innovative Fertilizers for Sustainable Cropping Systems

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Message from the Guest Editors

Smart agricultural practices are required in order to increase food security for the growing global population. Agricultural production is often related to high inputs—especially in the form of synthetic fertilizers. Since the beginning of the green revolution, such practices have led to soil degradation and the release of environmental pollutants. From this perspective, in this Special Issue we will focus on innovative agricultural practices and fertilizers that are able to improve agricultural sustainability. We welcome studies concerning new approaches for smart agricultural techniques including studies on precision and digital agriculture and fertilizer development, as well as studies that explore the application of precision farming techniques to reduce external inputs or increase their effectiveness. We especially encourage authors which develop strategies or products able to reduce greenhouse gas emissions, contributing to the mitigation of climate change and simultaneously increasing food security. Moreover, we would like to include contributions that focus on how to improve farmers' income while preserving agricultural sustainability.





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Message from the Editor-in-Chief

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