

Special Issue

Enhancement of Fertilizer Use Efficiency for Sustainable Agriculture

Message from the Guest Editors

Fertilizers are most of the vital components in modern intensive agriculture. This Special Issue aims to discuss effectiveness of EEFs in sustainable agriculture. This will include (i) the state-of-the-art on technologies applied in EEF production and their application in different cropping systems, (ii) improving the efficiency, profitability, and environmental friendliness of EEFs, (iii) use of EEFs within the 4R concept (right source, right rate, right time, right place) of nitrogen (N) management for sustainable agriculture, (iv) EEFs impacts on soil fertility, yield, soil carbon pool, and microbial dynamics, and (v) EEFs as mitigation tools for reducing greenhouse gas (GHG) emissions from intensive agricultural systems.

We invite you to contribute to this Special Issue by submitting comprehensive reviews, case studies, research articles, or meta-analyses that focus on scientific methods, technological advances, and innovative research, in order to provide an opportunity to learn the state-of-the-art and cultivate a discussion on prospects and future directions of the use of EEFs in agriculture.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2021)



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Editor-in-Chief

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