

IMPACT FACTOR 3.7



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Exploring the Potential for Crop Productivity by Applying Novel Agrochemicals, including Fertilizers, Biochar, Biostimulants, and Plant Nutrition Regulators

Guest Editors:

Dr. Meng Xu

State Key Laboratory of Efficient Utilization of Arid and Semi–Arid Arable Land in Northern China, Key Laboratory of Plant Nutrition and Fertilizer, Ministry of Agriculture and Rural Affairs, Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Prof. Dr. Teodor Rusu

Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

The abundant supply of nutrients from fertilizers helps to ensure crop productivity. Agrochemists have dedicated themselves to developing and utilizing highly efficient agricultural chemicals to maximize crop yield with minimal nutrient input. The purpose of this Special Issue is to compile the latest advancements in highly efficient fertilizers, as well as substances/materials such as biochar, biostimulants, and plant nutrition regulators, that can enhance nutrient absorption and utilization when applied alone or in combination with common fertilizers. This Special Issue covers the characterization and identification of novel fertilizers/materials, their impacts on fertilizer nutrients, their behaviors in soil transportation, their transformation patterns within plants, their performance including crop yield, and the underlying mechanisms of plant nutrition principles. Scientists from around the world are invited to submit their original research articles and review papers on advancements in the applications and mechanisms of innovative fertilizers and synergists to this Special Issue.











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Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and Wine, University of Adelaide, Urrbrae, SA 5064, Australia

Message from the Editor-in-Chief

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