



Sustainable Use of Chemicals and Materials in Agriculture Practice

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Message from the Guest Editor

Agricultural intensification is inevitable for many countries due to rapid population growth. Large-scale agricultural chemicals and material applications are required for intensified agriculture to maximize productivity and economic returns. As a result, agricultural chemicals and materials can accumulate in farmland over time and cause environmental degradation. Sustainable use of chemicals and materials in agriculture practice is a comprehensive farming practice that integrates biological, chemical, and ecological sciences to meet food demand and prevent environmental degradation. This Special Issue aims to cover the recent developments in technical advances in the sustainable use of chemicals and materials, such as sustainable management or green agricultural chemical technologies. Original research articles and review papers are welcome. Research areas may include (but not be limited to) precision agriculture chemical, sustainable nutrient management, nanoenabled agrochemical, biofertilizer, biopesticides, compostable or degradable agricultural materials. We look forward to receiving your contribution.





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