

Special Issue

Enhancing Crop Yield and Adaptability through Sustainable Soil Management: Effective and Eco-Friendly Practices

Message from the Guest Editors

The rapid growth of the global population has led to the construction of new residential colonies on fertile agricultural lands, resulting in a significant decline in crop-production areas. Reduced/no tillage along with the inclusion of legumes in crop rotation; application of on-farm inputs, such as manure, compost, and vermicompost; intercropping of leguminous crops with commercially exhaustive crops such as cereals; fallow period management; and the use of bacteria and fungi to increase the efficiency of nutrient use by crops are all viable and sustainable techniques to maintain soil life, improve fertility, and feed plants. These techniques promote sustainable agriculture by ensuring sufficient production of high-quality crops. In this Special Issue, we welcome novel research, reviews, and opinion papers covering all related topics that enhance our understanding of new agricultural practices; new methods and technologies for crop fertilization; new sources and processes for providing high-quality crop products without adverse impacts on the soil; as well as the use of plant cover and/or crop associations.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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