

## Special Issue

# Importance of Soil Fertility in Crop Production

### Message from the Guest Editor

Soil fertility is a fundamental component in sustainable food production. Throughout the world, different climate conditions and parent materials originate different soils which require specific management. However, regardless of its origin, the soil is also considered the foundation capable of absorbing long-term impacts imposed on it and how much of the water and nutrients are absorbed by plants. Thus, soil is a central compartment of crop production, and managing and conserving its fertility is a highly valuable responsibility and an indispensable tool for efficient crop production.

This Special Issue aims to publish research or review articles focusing on agronomic techniques and recent scientific innovations in soil fertility and crop production always based on sustainable agriculture. We welcome novel research covering topics related to chemical, physical, and biological fertility of the soil, associated with integrated crop systems, water use efficiency, fertilizer use efficiency, soil acidity amendment and conditioning, and soil organic carbon management integrated with management practices to maximize crop production efficiently.

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### Guest Editor

Prof. Dr. Carlos Alexandre Costa Crusciol

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### Deadline for manuscript submissions

closed (20 September 2022)



## Plants

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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, 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.

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### Editor-in-Chief

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