

Special Issue

Soil Environment under Climate Change: Effects on Plant Growth

Message from the Guest Editors

Recently, many studies have been focused on safeguarding the soil resources which forms the basis of plant growth and development. Climate change is rapidly causing soil degradation and has deleterious effects on soil organic carbon (SOC) stock and biodiversity, that is closely interconnected with the production of food and energy, the protection and security of water supply and wild habitats, and a wide range of other ecosystem services related to soil. Climate change on plant growth has an important impact on our existence. Many wild plants and crops are at risk due to increasingly adverse abiotic and biotic factors. Thus, safeguarding natural and cultivated soils in a climate change scenario represents a strategic challenge for the future achievement of the 17th Sustainable Development Goals adopted by all 193 Member States of the United Nations. Under such a changing scenario, this Issue aims to communicate the main scientific evidence and the best strategies for safeguarding soils and plants threatened by climate change, highlighting, in particular, their economic and social impacts. Original research and review papers are welcome.

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, 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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