

Special Issue

Agriculture and Crop Science: Innovation and Sustainability of Poaceae Crops

Message from the Guest Editors

The plant family Poaceae includes a large group of crops that are important economically as staple foods, animal feeds and sources of biofuel.

Understanding the mechanisms of their survival and ability to thrive under changing environmental conditions is critical for maintaining agricultural productivity and conserving a sustainable ecosystem. In particular, the combination of biotechnology, bioinformatics and systems biology has provided innovative methodologies to investigate these crops under field conditions and in controlled environments.

This Special Issue will collect review and research articles advancing fundamental or applied knowledge and newly developed technologies related to the innovation and sustainability of Poaceae crops.

Guest Editors

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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.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
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