

Special Issue

Genetic Identification, Exploration, Evaluation and Breeding of Plant Genetic Resources

Message from the Guest Editors

As new uniform, distinct, and genetically homogeneous improved varieties are being bred to satisfy the market needs, less uniform landraces of annual species, traditional varieties, farmer's varieties, indigenous varieties of perennial species, [crop wild relatives](#), [wild-harvested plants](#), and other wild plant species are being lost, and their diversity eroded. Plant genetic resources have an important role to play to ensure food security but also in the production of other valuable materials such as fiber, fuel, chemical substances, etc. The objective of this Special Issue is to provide new research and review articles on plant genetic resources worldwide. The scope of this Special Issue will include plant genetic resources' exploration, evaluation, and genetic identification to reduce the risk of genetic erosion and the loss of important alleles and genetic stocks, as well as to utilize the useful genes in crop breeding to increase yield stability in newly bred cultivars and to meet the growing environmental challenges and climate change.

Guest Editors

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Prof. Dr. Jaime Prohens

Deadline for manuscript submissions

closed (15 November 2023)



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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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