



Breeding and Genetics to Shape Rice Production Systems in the New Climatic Scenario

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Message from the Guest Editors

Rice represents the staple food for more than half of the world's population, but several climate-change-related biotic and abiotic factors as well as the need for lowering agricultural inputs are threatening sustainable production all over the world. As an important source of calories and a basic food ingredient, rice serves as a vehicle for nutritional components that affect human diet, quality of life, and longevity in developed and developing countries.

This Special Issue aims to identify and review the latest developments in rice genetics, genomics, and marker-assisted breeding, aimed at improving rice tolerance to biotic and abiotic constraints, increasing the exploitation of natural resources for lowering chemical inputs, and implementing nutritional quality of rice end products.

We are facing a very challenging time, and within the paradigm of One Health, agriculture will need to find the proper modalities to feed the planet in a safer and more sustainable way.

As Guest Editors of this Special Issue, we kindly invite you to submit your articles, as original research, reviews, opinions, and short communications.





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Message from the Editor-in-Chief

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