Special Issue

Crop Landraces: Resources, Conservation, and Utilization

Message from the Guest Editors

Crop landraces, evolving over time under both farmer and natural-selection pressure, are a major source of adaptive traits that allow subsistence under heat, cold, drought, flooding, salt, or other extreme environmental conditions. Crop landraces provide traits for more efficient nutrient uptake and utilization, and the crop landrace in a specific environment helps create geolocation-specific traits such as quality, taste, and some specific nutrient contents. However, over the last few decades, modern agricultural practices have resulted in a decline in diversity in crop landraces. Various environmental factors such as genetic erosion and local cultivation practices have threatened the landrace diversity. To overcome these threats, continuous efforts are needed to develop efficient and effective conservation policies, strategies, and techniques for crop landraces. Submissions of original research and review articles focused on, but not limited to, the aspects of resources, conservation, and utilization of crop landraces are highly encouraged and appreciated.

Guest Editors

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Prof. Dr. Jun Wu

Dr. Jiana Chen

Deadline for manuscript submissions

closed (25 November 2022)



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Editor-in-Chief

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