Special Issue

Resilient Tropical Botany in a Changing Agriculture

Message from the Guest Editor

Neglected and underutilized crop species (NUS) are nutritionally attractive food plants with climate resilience potential, and therefore with potential for the future. As part of global agro-biodiversity, they are domesticated plant species that have been used for centuries for their food and other purposes, but their utilization and importance have become marginalized over time. They are also known as orphan and forgotten crops. With the changing demand for plant and crop attributes, neglected and underutilized crops are well-adapted to diverse cropping systems under less-than-optimal conditions. Additional species for crop rotation systems will create sustainable production systems. Using new species in a crop rotation systems may shift the depletion of soil nutrients, disrupt existing disease cycles, and reduce the probability of pest attacks. Many NUS improve the resilience of agricultural production systems to climate change. Contributions should address the prevailing food insecurity, monotonous diets, and climate change events demanding crop and food diversification as well as the development of resilient and sustainable agriculture food systems.

Guest Editor

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