

Special Issue

Using Our Agrobiodiversity: Plant-Based Solutions to Feed the World—2nd Edition

Message from the Guest Editor

The growing global demand for food, in combination with the fast-accelerating climatic change, pose a serious challenge to humankind, namely the provision of a climatically reliable and nutritious food supply to an increasing world population. This is arguably most effectively achieved through the utilization of biodiversity and the inclusion of marginal arable lands for agricultural production, while maintaining a broad gene pool to secure the potential for future plant production. We invite contributions on specific examples, i.e., lesser known and underutilized crops; explore how agricultural biodiversity can provide the basis for a nutritional, culinary, and sustainable food production; and analyze the advantages, limitations, and risks of an increased focus on agrobiodiversity. The potential for approaches based on the preservation and development of existing agrobiodiversity has not been given sufficient attention in the current scientific and political debates concerning the best strategy to keep up with the rate of global population growth, the impact of climate change, and the increasing demand for food.

Guest Editor

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