

Special Issue

New Challenges for the Sustainability and Competitiveness of Agricultural Systems: Bioeconomy Strategies Focused on Soil Management, Use of Natural Resources and Climate Change Mitigation

Message from the Guest Editors

A long-term sustainable circular bioeconomy in agricultural and food production systems (terrestrial and aquatic) must address challenges such as food waste, losses and by-products (including nutrient recycling), resilience, the need for more nutritionally sensitive food production. In addition, it should undertake bio-innovations aimed at developing new chemicals, processes and value chains for bioproduct markets in rural areas, encouraging the participation of primary producers and increasing their profits. Faced with these challenges, it is essential to maximize the impact of research and innovation to generate results that will address these challenges and take advantage of cross-cutting opportunities in the bioeconomy. For this Special Issue, we welcome conceptual and empirical studies that propose concrete actions to promote rural development so that the benefits of a competitive and sustainable bioeconomy are more equitably distributed among value chains and territories, mutually reinforcing their economic prosperity and ecosystem resilience.

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