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Special Issue Reprint

Sustainability of Agriculture

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Climate change poses an unprecedented challenge to global agriculture, threatening food security and the livelihoods of farming communities worldwide. This Special Issue of *Sustainability* brings together twelve peer-reviewed studies that collectively examine how shifting temperatures, altered precipitation patterns, and growing environmental pressures affect crop production, and what science and policy can do about it. This Reprint contains a wide spectrum of approaches and geographies, including crop yield modelling under future climate scenarios of potato and ulluco cultivation in the Peruvian highlands, maize suitability in Poland under RCP4.5 and RCP8.5 projections, date productivity in Saudi Arabia, food import resilience in Qatar, and agronomic responses to climate stress for drought-stressed barley and zinc biofortification combined with Trichoderma inoculation in subterranean clover. Circular waste management for sustainable tea production and the influence of temperature anomalies on strawberry yield further broadens the thematic scope. Policy and social dimensions are represented by studies on carbon farming eco-schemes in Poland and a gendered analysis of agro-based climate adaptation in Cameroon. Qatar's food supply chain resilience and the broader implications for import-dependent nations round out this multidisciplinary collection.
Together, these contributions offer researchers, practitioners, and policymakers a rigorous, globally relevant resource for designing climate-resilient agricultural systems.

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