

Joint Special Issue

Climate Change Impacts and Adaptation Strategies in Agriculture

Message from the Guest Editors

Rising temperatures, changing precipitation patterns, increasing climate variability and more frequent and severe extreme weather events influence agricultural production across the globe. Changes in climatic conditions induce stress in agricultural plants and animals, impact their growth and development and, consequently, decrease the quality and quantity of products and yields. Moreover, climate change influences natural resources, water, soils and agro-biodiversity, the pillars of sustainable agricultural production systems. The scope of this Special Issue includes, but is not limited to:

- Impact, vulnerability and risks assessments, including monitoring and modeling of future risks;
- Strategic adaptation planning and policies;
- Innovative agro-techniques;
- Remote sensing, early warning systems and agro-meteorological forecasts;
- Development of decision-making support tools in adaptation methods.

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