

Peer Review

Review of: "Climate and Environmental Changes: Reflections and Prospects for the Future of the Mediterranean Area — Food Security and Climate Change: Agricultural Considerations"

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The review article **"Climate and Environmental Changes: Reflections and Prospects for the Future of the Mediterranean Area — Food Security and Climate Change: Agricultural Considerations"** provides a broad and informative overview of climate-related challenges affecting Mediterranean agri-food systems and effectively compiles regional case studies demonstrating climate-smart agriculture practices. Its main strength lies in integrating environmental, social, and economic perspectives and presenting practical examples from multiple Mediterranean countries. However, the article shows several weaknesses, including an overly descriptive narrative style with limited critical synthesis, insufficient methodological transparency regarding case study selection, and a lack of quantitative comparative analysis or meta-analytical evaluation of intervention outcomes. Additionally, many conclusions remain general and policy-oriented without measurable performance indicators or statistical validation, which reduces scientific rigor and practical applicability. The review could be improved by clearly describing systematic literature selection criteria, incorporating quantitative data comparisons across case studies, performing impact assessments of implemented agricultural interventions, and developing structured evaluation frameworks or predictive climate-agriculture models to strengthen evidence-based conclusions.

Declarations

Potential competing interests: No potential competing interests to declare.