

# Review of: "Sustainable Agriculture and Climate Resilience in Türkiye: A Comprehensive Analysis"

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**Potential competing interests:** No potential competing interests to declare.

This study assesses the extent to which sustainable agriculture can mitigate the impact of climate change on Turkish agriculture, exploring the interplay between Turkey's environmental policies and economic development plans. The topic is of practical significance, but there are shortcomings that need improvement.

**Shortcomings and Recommendations for the Paper:**

- (1) It should be noted that the study lacks depth, employing a relatively simple research methodology with insufficient depth in data analysis. This may result in superficial or one-sided conclusions. In fact, the paper resembles more of a survey report than an academic study.
- (2) In the abstract, the author mentions, "this study uses a thorough research methodology that combines economic modeling, policy analysis, and literature reviews." However, literature review is not a "research methodology"; it is an essential part of a paper that determines the research's innovation and contribution. Moreover, a rigorous economic model is not evident in the paper, which mainly lists official government policy documents.
- (3) As mentioned earlier, a literature review is crucial, yet this paper lacks an independent literature review section, and the cited literature is sparse. Therefore, it is recommended that the author carefully review existing literature to substantiate the paper's innovation and contribution.
- (4) The paper contains extensive textual discussion, making it challenging for readers to quickly grasp the logical flow. This significantly reduces the paper's readability and attractiveness. Hence, it is suggested that the author include a graphical abstract or a logical flowchart at the beginning.
- (5) The tables and figures in the paper are somewhat rudimentary, especially with labels like "Table 5.3" and "Figure 14," raising suspicions about whether these are copied from existing books or theses.
- (6) The timeliness of the data used in the paper is somewhat lacking. All data presented in tables and figures are up to 2020. However, considering the significant global events occurring from 2021 onwards, these data may not effectively reflect Turkey's current environmental indicators.
- (7) The policy recommendations in the paper are overly simplistic and lack practicality. After extensive discussion and data analysis, readers expect to see a path towards sustainable agricultural development based on existing issues. However, the author only provides textbook-style insights without in-depth analysis. Therefore, it is recommended that the author proposes more feasible and innovative policy recommendations considering both the study's content and the Turkish context. Additionally, the paper should specify the implications of these policy recommendations for other countries and regions worldwide.

