

Review of: "Financial Repercussions of Carbon Emissions and Depletion of Natural Resources: The Role of Fiscal Policy in Determining Health Expenditures"

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Potential competing interests: No potential competing interests to declare.

Research Paper Evaluation Report

Muhammad Ayub Mehar, submitted his proposal titled '**Financial Repercussions of Carbon Emissions and Depletion of Natural Resources: The Role of Fiscal Policy in Determining Health Expenditures**', to Qeios.

The following points may need to be incorporated:

1. There is a room for improvement in summary in terms of to make further elaboration of some specific mechanism through which environmental factors affect health, more detail is required about the methodology and data, elaborate policy implications on the basis of the results of the study.
1. The following points may make Introduction impressive:
 - Lack of clarity and structure: The ideas are presented in a fragmented manner, making it difficult to follow the logical flow of the arguments.
 - Insufficient citation and referencing: The introduction mentions various studies and researchers without providing proper citations or references.
 - Inadequate discussion of environmental factors: While the introduction briefly mentions the influence of environmental factors on health and policy making, it does not elaborate on how environmental variations impact health hazard risk.
3. The provided literature review offers a comprehensive overview of the research on sustainable finance and fiscal policy tools uncertainty and its impacts. However, a more analysis about the connections of fiscal policies and health outcomes, may enhance the review's usefulness.
4. The methodology part look good, but again needs some point to include to enhance the effectiveness:
 - I. Theoretical framework is lacking in introduction, it may help to explain how the selected study is expected to relate with the relevant theory.
 - II. Variable justification and selection is not properly explain the rationale for selecting these variables. Theoretical justification and relevant literature citation would support their inclusion and would strengthen the methodology.
 - III. The methodology briefly explains the inclusion of control variables in the equations but fail to provide a rationale for

their selection.

- IV. Data sources discussion is important to ensure the robustness of the findings. The variables, data, and methodology section have several aspects that require critical examination and clarification.
5. The empirical findings and their implications for health expenditures and communicable diseases is presented well. However, it also noted that some contradictory or inconclusive relationships may require further investigation to show their relationship with other factors.
6. In policy implication parts it is suggested that policy implication regarding, environmental improvements, and tax reforms can also contribute well to reduce healthcare costs and improving health outcomes, so inclusion of policy relevant with these two factors also need to focus on.

After incorporating these minor changes, I recommend the paper to be published.



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