

Review of: "Studying the Level of Livelihood Vulnerability and the Necessity of the Work Developing a Farmhouse Economic Economic Model to Adapt to Climate Change in the Coastal Area of Ben Tre"

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Potential competing interests: No potential competing interests to declare.

This is a fascinating topic and worthy of study, as fishing and coastal activities are very sensitive to climate change. These represent an important part of the climate change impact on agriculture and intangible cultural heritage. The author might think about other similar studies, e.g., Mascitelli, A., Prestileo, F., Stella, E. M., Aruffo, E., López Campos, L. I., Federico, S., ... & Dietrich, S. (2023). Impact of Climate Change on the "Trabocchi Coast" (Italy): The Trabocco Turchino Case Study. *Sustainability*, *15*(14), 10880. These consider the effect on infrastructure or general climate change impacts on fishing and coastal agriculture. It is important to draw attention to the very significant amount of scholarly work done on climate change. The current work sees the ideas as largely derived from sources that represent government documentation.

While social attitudes towards climate and climate impacts are worthy of study, it should always be made clear that these are observations and perceptions of climate change and may not be the same as climate change that is observed through instrumental measurements, e.g., the author gives many tables suggesting the seasonality of extreme weather phenomena, but in reality, this is the perceived seasonality, not the actual seasonality.

We learn that there were 80 households and there were group discussions, but little is formal about how these discussions were framed. There is no statistical assessment of the output. In table 3.3, for example, how were the values calculated, and how significant are the differences presented?

The notion of climate remains largely unexplored in the work, and while we have suggestions of how climate might change in the region, there are no details of what climate parameters will change, by how much, or over what period. The author seems to display little interest in climate in comparison with his interest in the community. This is OK, but it could be better balanced in a paper that uses the word "climate change" in the title. I looked at the climate records from the region, and these give a good picture of the current climate and the seasons, and of course, there are modelled outputs that describe how the climate of Vietnam will change [e.g., Home | Climate Change Knowledge Portal (worldbank.org)].

It may be that meteorology is not important and this is simply an anthropological study, but I really wonder if it would not be enriched by considering the details of the regional climate and the way it would change.

