Review of: "Decoding Social Systems: Agent-Based Modeling in Understanding Tourism Dynamics, with a Case Study on Phu Quoc Island"

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Potential competing interests: No potential competing interests to declare.

In this paper, the authors discuss the application of ABM in the realm of tourism dynamics and apply this concept to a case study. The paper could use some adjustments, including reorganizing the content to make sure the reader understands why ABM is beneficial, how it was used in the case study, and how this is tied to the results of the paper. Additionally, the authors should perform some rounds of proofreading to remove typos and unclear sentences. In more detail, my comments.

- The authors should remake the figures and make sure they only show English text. Figures like 1 and 2 become useless if they are written in a different language than the one the paper is written in.
- The authors should be consistent with the format for citations: already in Section 1, some references are cited with numbers, as in “inhabit [29], [30], [31]”, while others with surnames of the authors and year of publication, as in “agent behaviors [Agar, M. 2005], [Edmonds, B. 2012].
- I think the paper lacks a proper introduction that stresses how ABM could have a positive impact on tourism dynamics.
- The paper also lacks a proper literature section that introduces the reader to related works in the field.
- The authors should introduce more in detail what the benefits, drawbacks, and challenges are related to the application of ABM to model tourism dynamics.
- The authors state that Figure 3 “reveals a discernible upward trend in temperatures”, which is true only for the southernmost part of the island and overall false for any other region.
- I recommend the authors include more recent references: it sounds wrong that most references are 10+ years old, it gives the feeling that this research area is dead.
- It is not clear how and for what purpose an ABM simulation is used in the paper.