

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1
<https://doi.org/10.5194/nhess-2022-4-RC1>, 2022
© Author(s) 2022. This work is distributed under
the Creative Commons Attribution 4.0 License.

Comment on nhess-2022-4

Masayuki Yokozawamyokoz@waseda.jp (Referee)

Referee comment on "Assessing the impacts of tropical cyclones on rice production in Bangladesh, Myanmar, Philippines, and Vietnam" by Kai Wan Yuen et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-4-RC1>, 2022

This paper collects data on the impact of tropical cyclones on crop production in the Southeast Asian region. Collecting such data is valuable and important for planning and devising adaptation measures in the face of the impacts expected to result from climate change. However, the dataset in this paper is not valid for future studies. There is little information available for past impact assessments. In particular, the information on the intensity and timing of cyclone strikes and the growing stage of the crop at that time is very important, because the impact of the cyclone can vary greatly depending on the conditions of the crop. Additionally, the trajectory data are also important, which greatly affect impacts on the crop. While there may be difficulties in obtaining such data in the target areas, more quantitative data are needed to assess the impacts. It is difficult to accept from the current analysis.