

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC2  
<https://doi.org/10.5194/nhess-2022-18-RC2>, 2022  
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## **Comment on nhess-2022-18**

Anonymous Referee #2

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Referee comment on "Evolution of multivariate drought hazard, vulnerability and risk in India under climate change" by Venkataswamy Sahana and Arpita Mondal, Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-18-RC2>, 2022

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This paper presents a drought risk assessment for India for a baseline period and for two RCPs and two SSPs. The methodology used seems appropriate for the data used and spatial scale considered. The authors found that drought risk was primarily comprised of the drought vulnerability component, rather than the hazard, these results were shown effectively using bi-variate maps. Overall, I found this an interesting paper with results and outcomes that could be useful for drought planning and mitigation at the high level in India. However, I found that the clarity of the paper could be improved and made more expansive making it easier to follow and reproduce elsewhere. These points are expanded upon in the attached review.

Please also note the supplement to this comment:

<https://nhess.copernicus.org/preprints/nhess-2022-18/nhess-2022-18-RC2-supplement.pdf>