

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1
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Comment on nhess-2020-422

Sveinung Saegrov (Referee)

Referee comment on "Flood and drought risk assessment for agricultural areas (Tagus Estuary, Portugal)" by Paula Freire et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-422-RC1>, 2021

This article is highly relevant since it handles a significant and well defined challenge in two dimensions (sea level and river flow) for a very important food production site in Portugal. The scientific contribution is the application of a simple, but consistent and complete risk method that is applicable for the managers of the water supply and irrigation system if the site, including the dikes.

I miss a more thorough discussion on how the proposed risk analysed can be used for forecasting analysis and decision support (what type of decision measures they have), when they should take decisions and how the decisions should be implemented