

## **Summary**

The research work presented in this paper “How to mitigate flood events similar to the 1979 catastrophic floods in lower Tagus” describes a comprehensive study of flood mitigation strategies with dam to reduce flood impacts for the Iberian Peninsula.

The Iber+ numerical model was used with different DEMs: i) to select the most relevant DEM for the study area, ii) to model the 1979 Tagus River floods, and iii) to propose a management strategy for the Alcántara dam.

## **Evaluation and recommendations**

I note that the recommendations made at the last review have been followed.

Section 6 – I still think section 6 is a little light on analysis. Simple elements based on photos and high-water marks from the period could have been used to justify and validate the DEM used. The added section on the use of more precise DEMs does not necessarily seem relevant, as this does not play a part in validating the model.