Referee #1
The Authors answered satisfactorily my previous comments.
We thank the reviewer for their continued guidance improving the manuscript.

Technical revisions:
Line 185: Nopn-hydrostatic.
corrected

Lines 190-191: These sentences are not clear.
We simplified to read: "This section introduces the methods used in the different aspects of the analysis."

Line 287: delete "at".
done

Line 329: there is something wrong with this sentence.
Corrected by replacing "with" by "while" and "by" by "for".

Line 359: I still do not understand, from Fig. 6, why the episode studied is the 29th (from the figure it seems to me it is the 1st)
Perhaps there is a mistake in interpretation possible. In order to make this more clear, we now revise the Caption of Fig. 6 to clarify this is for the past 70 years so the distinction between two days is really difficult.

Line 529: comma and not full stop before "in order".
corrected.

Reviewer #2
The manuscript has a clear structure and represents the results understandably with valid conclusions.
I have only minor comments.
We thank the reviewer for once again going through the manuscript and responses carefully.

1)Page11 Line313: "For this reason ERA5 will not be used hereafter to study heavy precipitation fields. Its use will be restricted to other relevant large-scale atmospheric fields such as water vapour (Fig. 9)" I would suggest to finish this sentence with a reason why the authors believe ERA5 large scale fields are still a reliable source despite the short comings in precipitation.
This is a good suggestion, we add the reason: "...that are well constrained by the data assimilation."

2)Page16 Line 379: Impacts and monetary losses, isn't here a subsection sign missing, so 4.2?
The reviewer is right, it is much better to have this a numbered subsection.

3)Page16 Line 381: Is it possible to updated the period until 2022?
Very good point! Indeed we can do this, based on the available data, and reformulate accordingly (sentence simplified to "...most damaging extreme event in Berlin and Brandenburg since 2002."