

### General Comments:

The paper was improved after the referee comments by appropriately addressing previous comments. However, there are still few issues to be addressed.

### Specific Comments:

- In my opinion, it would be better if the reason choosing these two port sites is briefly mentioned in the last paragraph of introduction section.
- Line 138: Authors mention "...but many of the induced effects still remain" What are the remaining effects?
- Line 230-231: Authors state that "In our application, we estimate the TWL on the coastland at every timestep as the sum of extreme values for storm surge level (SS), wave setup (Ws), and max tide (Tmax), as shown in figure 4."
- Summation of extremes of surge and wave setup (RP10 etc) is not necessarily equal to the same return value for TWL, however, in Figure 4 and Table 1 it is implicated as such. Moreover, it is not clear how these RP values are calculated. Did authors use Extreme Value Analysis methods? If so, which ones? To determine the extreme sea levels (for TWLs), there are two common approaches:
  - i) summing historical timeseries of tide+surge (and sometimes +wave setup) and then projecting the values with an Extreme Value Analysis method (see Coles, 2001 for EVA methods) [as in Vitousek et al 2017; Muis et al. (2016); Kirezci et al (2020); Rueda et al (2017)]
  - ii) finding the pdf of each component of TWL and apply an ensemble Monte-Carlo approach (e.g. Vousdoukas et al 2018).
- Which dataset is used to calculate the surge, wave and tides?
- How did the authors determine the durations of extreme events in Table 1? Please clarify.
- How was Wave Setup calculated? What approach taken to determine wave setup? Additionally, which wave data is used, observed or hindcast? Please clarify.
- Figure 4 implicates a storm that the wave setup and storm surge both peak at the same time, which might not be the case in real life. How was this assumed? Please clarify.
- All in all, section 3.6, (the extreme sea level determination part) should be updated and the model inputs to determine the inundation should be explained in detail and clearly.
- In Table 1: Why is the RP250 tide value different the lower RP tides? Please clarify.
- Line 332: "surmounted" Do the authors mean overtopped or overflowed?
- Line 346-348: "With less severe events (up to RP 100 years), the risk remains mostly confined around the marina area (outside the protection offered by the reinforced dune) producing an EAD below 10 thousand Eur; with more intense ESL scenarios (i.e. RP 250 years)" It is not clear to me what this statement means. Are not all the RPs included in EAD calculation (as in Figure 5)?

### Technical Comments:

- Line 107: "Coastal inundation phenomena are caused...", please change to "Coastal inundation is caused..."
- Line 15: "N Adriatic", please change to North Adriatic.