

Dear reviewer and dear Andreas Sterl,

Thanks for your comments,

For the first point: the legends are not the same, since the max value reached in each figure is different, however we wrote a script in Matlab to keep as close as possible the same color for the same value in the graphics of the same storm. E.g. in the figure 10e and 10f, the maximum value is different between the two storms but the red is for values > 4.5 m and the orange is for values of 3.5-4 in both of the figures and the dark red is for figures a and b for values > 5 m.

We agree with the reviewer since experimental is more used for the case indicated by the reviewer, while in this case are more observations than experiment. We replaced all experimental to "observations" or "observational".

We mentioned in section 2.2 and 2.3 that the values of the parameters are reported in the section 3.1 and 3.2.

We added a little bit of discussion in the section 3.5 referring to previous models, such as Rosu (2010) that studied the WCIs in the Danube delta and to experimental data (e.g. laboratory studies).

We changed "for the 2007" to "for the year 2007"

We changed from "that" to "how"