

Authors' Reply

Dear reviewers and editor,

Thank you for your time and effort in helping us improve the manuscript.

We address the two remaining minor comments here:

<Comment #1>

Please clarify this following statement: “but the sensitivity is small in the range of 0.001-0.005”. What exactly did the authors mean by sensitivity is small? Sensitivity of what (error?) to what (friction factors)? Do the values of 0.001-0.01, 0.001-0.005 have a unit?

<Response>

The reviewer’s interpretation is correct. We have changed the sentence to:

“In the wet area, drag coefficients within a range of 0.001-0.01 (non-dimensional) were tested. Commonly accepted default value 0.0025 gave good error statistics near the landfall site and values within a range of 0.001-0.005 gave very similar results.”

<Comment #2>

In terms of the return period, I was referring to the return period of water levels, which can be estimated using historical observations if they exist at selected locations. But I am happy with the authors’ proposed alternative solution.

<Response>

Thanks. We choose to keep the manuscript as is, but we will keep this in mind in our future study.

In addition, we made some minor changes only in the text, which are highlighted in the “track-change” version of the manuscript.