Dr. Maria Ana Baptista
Handling Editor
Natural Hazards and Earth System Sciences

Dear Dr. Maria Ana Baptista,

We would like to thank you for accepting our manuscript (nhess-2020-373, "Reconstruction of flow conditions from 2004 Indian Ocean tsunami deposits at the Phra Thong island using a deep neural network inverse model") to Natural Hazards and Earth System Sciences. We appreciate your careful review and constructive suggestions.

We would like to inform you that the authors have decided to adjust the values of the result by rounding the values to 1 decimal place for maximum inundation distance, flow velocity and maximum flow depth and to 3 decimal place for the concentration values of Table 1 and page 2 line 74. We highlighted the changes in the text and figures (Fig 8 and Fig 10) associated with the values of Table 1. As a result, in page 11, line 12, the value of maximum flow depth will be changed to 5.2 m, instead of 5.3 m (highlighted in the nhess-2020-373-typeset_manuscript-version2_R2.pdf). These changes of rounding the values were made to keep the consistency with the values which was previously reported in Mitra et al., (2020). In addition to this, we also did the minor correction of rounding values in page 7, line 13, *The loss function values of training and validation at the first epoch were* 0.08 and 0.05, will be changed to 0.09 and 0.06, *respectively* (highlighted in the nhess-2020-373-typeset_manuscript-version2_R2.pdf).

The above-mentioned minor corrections do not affect the conclusions and interpretation of the results of the manuscript. If you have any further questions, we will be glad to answer them.

Thank you again for your consideration of our manuscript.

Regards,
Rimali Mitra
Kyoto University

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