

Interactive comment on “Assessment of island beach erosion due to sea level rise: The case of the Aegean Archipelago (Eastern Mediterranean)” by Isavela N. Monioudi et al.

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We would like to thank Referee #1 for the useful suggestions. Please find below our response to his comments.

Comment 1: I would like the authors to clarify in the manuscript the drivers/components of the short-term sea level increases. Do they refer to extreme sea levels due to storm surges and waves (e.g. is wave setup included) or to storm surge alone?

Answer: This is a fine point by the reviewer. The drivers/components of the short-term sea level increases refer to extreme sea levels due to the combined effect of storm surges and wave set up. We agree with the reviewer that it needs to be clarified in the

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text and we will make the necessary corrections in the revised manuscript.

Comment 2: Pg.3, Lines 18 – 20 There are refs to US\$ and then to € It is confusing. Please clarify; this may be confusing for the reader.

Answer: We agree with the reviewer and we will change the text to take into account this comment.

Comment 3: Also Pg. 8, Lines 21 - 22 12 SLR scenarios are mentioned, but only 11 are detailed.

Answer: A SLR scenario is missing by mistake from the context in the parentheses. We agree with the reviewer and we will correct the manuscript as suggested.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-336, 2016.