

Interactive comment on “Observations of positive sea surface temperature trends in the steadily shrinking Dead Sea” by Pavel Kishcha et al.

Pavel Kishcha et al.

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Dear Dr. Kaskaoutis, Reviewer #1,

Below we present our answers (A) to your comments (C).

C: “This study analyzes the SST trends over the Dead Sea and surrounding lands using high resolution (3-km) MODIS data. The results show an increasing trend in SST over the Dead Sea, both for daytime and nighttime observations, which is not related with respective positive trends in land skin temperature or even to increase in solar radiation. Authors ascribed this increase in SST temperature to the shrinking of the Dead Sea surface. The manuscript is well written and organized, the results, discussions and explanations are clear enough to any reader. Despite the manuscript is short, it’s of

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good quality due to the knowledge that offers in the scientific community and deserves publication in the journal. I have only some minor comments that have to be corrected. Page 2, Line 23: Revise as "...we used the .." Page 3, Line10: from 2005 to 2013. Page C1 NHESSD Interactive comment Printer-friendly version Discussion paper 3, Line 12: Revise as "... was used for the ..." Page 5, Lines 18-19. This sentence is just a repetition of the previous one and can be deleted.

A: We thank Dr. Kaskaoutis for his positive review and helpful comments on our manuscript. In the revised version we will update the text in accordance with the Reviewer’s comments.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-31>, 2018.

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