

# **Tsunamigenic potential of a Holocene submarine landslide along the North Anatolian Fault (North Aegean Sea, off Thasos Island): insights from numerical modeling**

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Dear editor,

I modified my manuscript according to your four minor comments (in bold below). My response is in italics.

- **P. 2, Line 2 - 4: Consider adding Katz et al., 2015 to this reference list**  
*I added this publication to the reference list*
- **P. 2, Line 5 -6: Change to: Vertical displacements induced by the slide can be larger than displacements caused by earthquake related on-fault sea floor rapture and thus may produce higher wave amplitudes (Okal and Synolakis, 2003).**  
*Done*
- **P. 2, Line 12: change 'motion' to 'displacement'.**  
*Done*
- **P. 2, Line 34: 'and locally gas-charged sediments'; This text does not logically connected to the sentence, please modify.**  
*Minor change was enough to clarify the text. The sentence becomes: 'Its tectono-sedimentary context is very similar to the Marmara Sea with splays of the North Anatolian Fault triggering frequent earthquakes up to  $M_w \sim 7$  (such as the 24th May 2014  $M_w 6.9$  event in the Gulf of Saros) and with locally gas-charged sediments (Papatheodorou et al., 1993).'*

Hoping these modifications will clarify the manuscript,

Sincerely yours,

Alexandre Janin, on behalf of co authors