

Earth Syst. Sci. Data Discuss., community comment CC1
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Comment on **essd-2021-49**

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Community comment on "Last Interglacial sea-level proxies in the western Mediterranean"
by [Ciro Cerrone et al.](#), Earth Syst. Sci. Data Discuss.,
<https://doi.org/10.5194/essd-2021-49-CC1>, 2021

Congratulation for the work and the synthesis!

I have a comment for the Friuli Venezia Giulia region from line 815 to line 820.

After the PhD Thesis of Roberto Romeo (2009), another thesis, by Luigi Sante Zampa, investigated the marine terraces in the buried bedrock (Eocene flysch) along the coast of Trieste, including one more seismic dataset respect of Romeo.

A system of marine terraces and escarpment was recognized in the high-resolution seismic profiles. The time/depth conversion was made with a more accurate value in Zampa (2014). Romeo 2009 used the velocity for the Late Pleistocene and Holocene sediment of 1950 m/s (the only value available at that time), while Zampa 2014 used 1600 m/s (after some more detailed investigations). The lower velocity used by Zampa implies a shallower depth (and more realistic) than Romeo for the same marine terraces.

The main marine terrace from Zampa is around 36-38 m, is very well developed with several hundred meters of extension, and occurs all along the coast together with a high stand prograding wedge, and supposed to be the MIS5e. This depth is compatible with those occurring in the Friulian Plain.

The thesis of Zampa should be available from the thesis repository of the University of Trieste, and an abstract is present in the proceeding of the GEOSUB 2015 congress (Trieste, 2015).

Moreover: line 806 Busetti instead of Bussetti

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