

The authors thank Daniela Pantosti for her second review and we appreciate her efforts and time devoted to improving our manuscript.

We considered all the corrections proposed by Daniela Pantosti. Below are listed each comment followed by our answer.

- Comment from Daniela Pantosti: The supplementary material should be referred to in the text or nobody will look at it.

*Answer: thanks to pointing this out. We referred to the supplementary materials in the text each time it was necessary.*

- Comment from Daniela Pantosti: Fig 2 a white rectangle on the Sarkhai fault.

*Answer: the figure is corrected with adding "SF" for Sharkhai fault on the white rectangle as it was in the preliminary version.*

- Comment from Daniela Pantosti: Caption fig 3 add at line 618 that P1 to P7 are in figure 6-9 and in supplementary material.

*Answer: we added the number of figures of the offsets and refer to supplementary material.*

- Comment from Daniela Pantosti: Line 125 substitute "that" with "the offset features may have ..... origin and thus age (..... As it is now it looks the offset has a climatic origin!

*Answer: we agree with the remark and have corrected the sentence to clarify it.*

- Comment from Daniela Pantosti: Line 145 the sentence starting with With is unclear to me, maybe you mean Although with limited ...

*Answer: we agree, the sentence was not clear enough, we have reformulated the sentence and inverted two first sentences of the paragraph to clarify it.*

- Comment from Daniela Pantosti: 180 the 30 cm scarp is not very clear from the image in 10c can you highlight it?

*Answer: we modified the tracing of ground level at each side of the scarp to better highlight the 30 cm scarp in the image 10C of Fig. 10.*

- Comment from Daniela Pantosti: 180 repetition from line 179-180

*Answer: we appreciate the reviewer's feedback, but we could not recognize where the repetition is and did not change the text.*

- Comment from Daniela Pantosti: 238 they are considered alloctonous? In strat it is?

*Answer: we completed the sentence to clarify our idea. It is considered allochthonous with respect to the rest of the stratigraphic section and interpreted as a small channel that flowed oblique to the fault and was dragged along it with time.*

- Comment from Daniela Pantosti: 242-243 this sentence is unclear to me.

*Answer: we agree with that comment, this sentence is not clear and does not present useful information for the purpose of the paper, so we decided to remove it.*

- Comment from Daniela Pantosti: 312 Add in parenthesis also the figures where the reader can see the real offsets.

*Answer: we added the figures numbers of offsets as suggested.*

- Comment from Daniela Pantosti: 435 it would be polite to acknowledge the work of reviewers. Thanks!

*Answer: the authors apologize to the reviewer for that, we planned to add acknowledgements to the work of the reviewers after the reception of the final reports.*

- Comment from Daniela Pantosti: the reviewer asked for corrections and words adding at lines 132- 133, 148, 154, 156, 159, 161, 193, 272, 354, 388, 389, and line 400.

*Answer: We applied all the corrections and modifications suggested by Daniel Pantosti. Thank you for the precise review.*

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