

Clim. Past Discuss., author comment AC5
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Comment on cp-2021-161

Fabrizio Marra et al.

Author comment on "Terrestrial records of glacial terminations V and IV and insights on deglacial mechanisms" by Fabrizio Marra et al., Clim. Past Discuss.,
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Dear Editor,

I'm sorry that the research for available reviewers for our submitted paper didn't provide a more profitable outcome, so far.

Indeed, the two reviewers who accepted to do the review were evidently two sedimentologists who didn't caught the real focus of our paper and the aims of the Journal.

Our work is at not extent a sedimentologic work and the sedimentology of the Liri Basin is not the subject of our study.

As I had the chance to say in both replies, our paper deals with the deglaciation signal at global scale and the possible forcing mechanisms based on a sedimentary record represented by two several meters thick and several tens of kms wide coarse gravel horizons which the provided geochronologic constraints demonstrate are deposited during well circumscribed time spans, at 450 and 350 ka, broadly coinciding with the glacial terminations V and IV.

These chronological constraints demonstrate that these gravels originated from melting of the Apennine's glaciers and therefore represent a proxy of the deglaciation process, similar to the ice-drafted debries in Northern Atlantic.

We believe that these data, and the possible triggering mechanisms proposed, may be of great interest for the scientific community and may represent an input for future studies based on similar datasets all over the world.

We hope that you will agree with these considerations and with the only comment posted by the community.

In the absence of other reviews, we wonder whether you would like to review the paper yourself, providing your comments and the indications to resubmit a revised version that may be accepted for publication.

Thank you very much for your kind attention also on behalf the co-authors,

Fabrizio Marra