

Interactive comment on “Vegetation history and palaeoclimate at Lake Dojran (FYROM/Greece) during the Late Glacial and Holocene” by Alessia Masi et al.

PAGES Data Review Team

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The PAGES Data Stewardship Integrative Activity seeks to advance best practices for sharing the data generated and assembled as part of all PAGES-related activities. The CP Special Issue, “PAGES Young Scientists Meeting 2017” is part of this PAGES activity. The co-editors of the Special Issue are reviewing the data availability within each of the CP-Discussion papers in relation to the CP data policy (https://www.climate-of-the-past.net/about/data_policy.html) and current best practices. The editor team is making recommendations for each paper, with the goal of achieving a high and consistent level of data stewardship across the Special Issue. We recognize that an additional effort

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will likely be required to meet the high level of data stewardship envisaged, and we appreciate the dedication and contribution of the authors. This includes the use of Data Citations (see example below). Authors are also strongly encouraged to deposit significant code into a suitable repository and to cite it using a Data Citation.

We ask authors to respond to our comments as part of the regular open interactive discussion. If you have any questions about PAGES Data Stewardship principles, please contact any of us directly. Best wishes for the success of your paper.

YSM Special Issue editor team

R. Barnett, D.S. Kaufman, M.F. Loutre, M.N. Evans, S.C. Fritz, C. Tabor, H. Plumpton, Y. Zhang, E. Razanatsoa, and E. Dearing Crampton Flood

For this paper: (1) Research input data: geochemical proxies, diatoms, biomarkers

This research contribution discusses widely the interrelationship between published proxy data (geochemistry, diatoms, biomarkers) from Francke et al. (2013), Zhang et al. (2014) and Thienemann et al. (2017) and new pollen data (this study) from Lake Dojran. In order to adhere to the Data Sharing Policy for submissions to Climate of the Past, we request that the authors: (a) work with the authors of Francke et al. (2013), Zhang et al. (2014) and Thienemann et al. (2017) to submit the published geochemistry, diatom and biomarker data to a long-standing online data repository (the data shown in Fig. 4), and; (b) obtain and provide a Data Citation or URL link for access to these data. If the data currently exist in a repository, then only part (b) is necessary.

(2) Research output data: pollen

This research contribution presents abundant new and valuable pollen data from Lake Dojran. In order to adhere to the Data Sharing Policy for submissions to Climate of the Past, we request that the authors submit these new data to a long-standing online data repository, and obtain and provide a Data Citation or URL link for access to these

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data. The statement “pollen dataset may be accessed by request to authors” is not an acceptable alternative.

CPD

What is a “Data Citation”? Data Citations track the provenance of a dataset giving credit to the data generator; this is in addition to any references to publications where the data are described. Data Citations are used in the text (or tables) alongside and in the same way as publication citations. In the Reference list, they include: Creators, Title, Repository, Identifier, Submission Year. More information about Data Citations is here: <<https://www.datacite.org/mission.html>> Here is an example of text and corresponding citations (using CP punctuation style):

“The PAGES2k Consortium (2017a) assembled a large global dataset of temperature-sensitive proxy records (PAGES2k Consortium, 2017b). Among the records is the paleo-temperature reconstruction from Laguna Chepical (de Jong et al., 2016), which was described by de Jong et al. (2013).”

References

de Jong, R., von Gunten, I., Maldonado, A., and Grosjean, M.: Late Holocene summer temperatures in the central Andes reconstructed from the sediments of high-elevation Laguna Chepical, Chile (32° S), *Climate of the Past*, 9, 1921-1932, 2013.

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PAGES 2k Consortium: A global multiproxy database for temperature reconstructions of the Common Era, *Scientific Data*, 4, 170088, 2017a.

PAGES 2k Consortium: A global multiproxy database for temperature reconstructions of the Common Era, version 2.0.0, figshare, <https://figshare.com/s/d327a0367bb908a4c4f2>, 2017b.

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