Climate
of the Past
Discussions

Interactive comment on "Technical Note: Open-paleo-data implementation pilot – The PAGES 2k special issue" *by* Darrell Kaufman and PAGES 2k special-issue editorial team

K. Lehnert (Referee)

lehnert@ldeo.columbia.edu

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This Technical Note is very relevant to advancing open data sharing practices in compliance with the FAIR principles for making data Findable, Accessible, Interoperable, and Reusable. Several initiatives and projects that I am involved with that are pushing the implementation of the FAIR principles for research data forward emphasize the urgent need for scientific communities to come together to develop, articulate, and implement data best practices that are needed for their specific data types to be re-usable and interoperable, and that help make them more Findable and Accessible through the use of recommended metadata and terminology. The author gives a very informative

account of the procedure developed for paleo data and the challenges encountered during implementation for the special issue of this journal. This Technical Note will help other communities to follow a similar approach and hopefully broaden the range of available community-specific standards for data sharing.

My only comment pertains to Page 1, line 26: The author states that "Publication is the ideal stage of a project for concerted data management". Data management and stewardship should be planned at the start of a project and carefully followed throughout the course of the entire project. Agreements on data formats, data provenance documentation, sample identifiers, etc. should be made at the start of a project to ensure consistency of data and metadata, comprehensiveness of metadata, and efficiency of data management. Publication is a stage when compliance with leading practices or standards can be enforced, but it may be too late of the practices were not implemented early on.

Interactive comment on Clim. Past Discuss., https://doi.org/10.5194/cp-2017-157, 2017.