

## ***Interactive comment on “A Climate Service for Ecologists: Sharing pre-processed EUROCORDEX Regional Climate Scenario Data using the eLTER Information System” by Susannah Rennie et al.***

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General Comments:

The overall quality of the work is high and in my opinion it is highly relevant to the ecological scientific community since:

- it is meant for ecologists working with LTER data, and since the LTER community has a reference “place” for data (DEIMS-SDR), it simplifies a lot the researchers’ life to have a unique hub where to retrieve all information available on LTER sites;

C1

- even if elaborations have been performed only for some variables, these variables are the most common used in ecological studies. Other variables are however accessible and well referenced;
- even if “raw” data is already published, this publication is a re-work of existing data with an original and well documented processing.

Specific Comments:

The choice of B2SHARE platform for data sharing is correct and perfectly compliant with FAIR data management principles, especially in terms of accessibility.

Data temporal granularity is appropriate for the research field data are supposed to serve.

Data uncertainty is meticulously taken into account and explained.

The file naming is systematic and well documented, I only noticed that in the “.zip” files downloadable from B2SHARE there is a “see\_disclaimer” between type of data (e.g. “RCM”) and DEIMS UUID. How including this statement in the zipped file name is relevant?

A curiosity: it is already planned, as far as you know, a similar service for LTER sites outside Europe? The project aims are relevant and its wider implementation would be an added value to the research of many ecologists around the world.

Technical Corrections:

C2

There's a "(" at row 129 that must be deleted.

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Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2020-225>, 2020.