

Earth Syst. Sci. Data Discuss., referee comment RC1
<https://doi.org/10.5194/essd-2022-340-RC1>, 2023
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Comment on **essd-2022-340**

Anonymous Referee #1

Referee comment on "IESDB – The Iberian Evaporite Structure Database" by Eloi González-Esvertit et al., Earth Syst. Sci. Data Discuss.,
<https://doi.org/10.5194/essd-2022-340-RC1>, 2023

The IESDB - The Iberian Evaporite Structure Database - is an excellent, comprehensive collection of valuable information and data on the salt structures of the Iberian Peninsula. As the authors suggest, this database is a valuable resource for teaching, research and industry applications. The website format used, which is browser independent, ensures easy review and access to the stored data.

The database is delivered along with a brief overview in a well-structured manuscript that covers the main research questions and industrial applications and is written in such a way that it is easy to understand and read even for users from different fields of interest, which I like since many literature sources are also provided for targeted reading.

Since the data comes from different sources and application backgrounds, the quality cannot be systematically assessed. However, the way these data are presented is systematic, thorough, accessible, useful, and complete.

I think the IESDB – The Iberian Evaporite Structure Database is an outstanding contribution to use in the "salt community", and it would be welcome if more data bases were set up from worldwide salt regions following this exceptional example.

I think the IESDB - The Iberian Evaporite Structure Database - is an excellent contribution to use in the "salt community", and it would be welcome if other databases from worldwide salt regions were established following this exceptional example.

Few minor comments:

I could not find the link from <https://digital.csic.es/handle/10261/266163> to <https://iesdb.eu/>.

Line 369: I don't think that there a many active nuclear waste repository in rock salt

formations. Please consider rephrasing the sentence.

NB. The reviewer has not verified that all uploaded data is open source or shared.