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Title: Soil salinity patterns reveal changes in the water cycle of inland river basins in arid zones

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General comments:
The study has been significantly improved and has become clearer and more understandable. Unfortunately, I have been found still several shortcomings that need to be improved. Therefore, I recommend the manuscript for further minor revisions.

Specific comments:

Materials and Methods:

Lines 104 – 108: General description of climatic conditions at the sites, include specific ranges of long-term meteorological variables (air temperatures, precipitation) for the period of the last 30 years (1991 – 2020).

Thank you for adding the precipitation and evaporation rates of the location. Please, also add annual air temperature and main climate zone according to the Köppen–Geiger climate classification (1991 – 2020) the area is located. Do not forget to include a citation with a link to the list of references to the used climate classification.

Lines 111 – 116: Change the soil classification to one of the international classification systems, e.g. "World reference base for soil resources 4th edition (2022)".

Please add also include:

- soil texture for the specified soil unit,

- citation in the text of the classification system for the specified soils, for example: .....Cryosols, Leptosols, and Phaeozems (WRB, 2022). Include the classification system in the list of used literature.

Thank you that I could oppose the manuscript of your article and the fundamental modifications of the Results and Discussion chapters. At the same time, I thank you for the constructive discussion on this issue.
Good luck in your scientific career.