Chizova et al. present an extensive dataset of O and H stable isotope ratios in precipitation, ground and surface (river) waters from the East European Plains in Russia. This is most welcome for the wider stable isotope, hydrology and paleoclimate scientific communities as it would help expand the spatial and temporal coverage of existing datasets towards regions that are poorly covered by such data. I suggest publication of the ms and associated data. A few minor comments and one major concern should be nevertheless addressed:

- The extremely low intercept of the Sosna LMWL suggest something is (potentially) wrong with the data. Checking it at the link provided by the authors (Pangaea) shows several months (1/3 of the data points) with very to extremely low d-excess values (as low as -32 ‰). The samples have been collected mostly in summer, but some are also from April and May. While sub-cloud evaporation could cause low d-excess, the values reported here are too low, hinting at post-deposition processes (e.g., improper handling of samples after collection) and/or problems during analysis (e.g., contamination with volatile organics, a problem that would affect samples analyzed using CRDS systems – as done by the authors – contrary to analyses performed using IRMS analyzers). Some of the precipitation samples collected at Zakza and Dubna also display low (negative) d-excess values, but within the “normal” range of samples affected by post-depositional evaporation. As groundwater and river samples do not show similarly extreme d-excess values, I believe the issue stems from improper handling of the samples collected at Sosna. Please check (and if samples are still available) re-run them on an IRMS. Else, a cautionary note should be inserted in the main text of the manuscript.
- To make full usage of the data, precipitation amount and air temperature data should be made available.
- A note on nomenclature. Please check the ms for improper usage of stable isotope jargon (e.g., “stable water isotopes” – water has no stable isotopes per se, only oxygen and hydrogen in water have etc)
- Sentence structure and grammar: please check (overall) the structure of sentences, to often these are very long so that by the end of a sentence the reader loses the information at the beginning