

Second review of Konold, O., Feigl, M., Podest, P., Klingler, C., and Schulz, K.: BiasCast: Learning and adjusting real time biases from meteorological forecasts to enhance runoff predictions, EGU sphere [preprint], <https://doi.org/10.5194/egusphere-2025-4978>, 2025.

I would like to thank the authors for taking the time to respond to my comments and for their substantial efforts in revising the manuscript and clarifying several points of confusion. This manuscript presents a series of experiments investigating techniques to improve operational data-driven flood forecasting. I believe that the new discussion of physiographic catchment characteristics and their relationship to the magnitude of domain shift has greatly strengthened the scientific significance and novelty of the study. In particular, the finding that locations exhibiting the greatest domain shift consistently benefit the least from all tested techniques is very interesting.

All my previous comments have been addressed satisfactorily. I have only three minor technical comments that I hope will further improve the clarity of specific sections. Overall, this paper presents important findings relevant to the operational deployment of data-driven hydrological forecasting systems in a methodical and clearly structured manner and is enjoyable to read.

Technical comments

1. **Lines 22–23:** It is not clear whether the statement, “This is likely because the LSTM cell state retains strong seasonal signals and thereby compensates for forecast input bias through its long-term memory mechanism,” refers to the arid and precipitation-limited catchments, the alpine and snow-dominated catchments, or both. Please clarify.
2. **Lines 165–168:** Is the forecast-only baseline generated using the 1-day lead-time ECMWF-HRES forecast for the full 365-day input sequence? Please clarify.
3. **Table 1:** How were the reanalysis forcing variables selected? For example, total precipitation is available from ERA5, E-OBS, and MSWEP (Appendix A) but MSWEP is selected. Please provide the rationale for selecting these variables.