# Final Response : Technical note: HydroModPy – a Python toolbox for deploying catchment-scale shallow groundwater models

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Referee comments on "Technical note: HydroModPy – a Python toolbox for deploying catchment-scale shallow groundwater models" by A. Gauvain et al., Hydrology and Earth System Sciences Discussions., https://egusphere.copernicus.org/preprints/2026/egusphere-2026-868/.

*Thank you for your review. Referee comments are shown in black, and our point-by-point responses are provided in blue italics.*

## 1 Editor decision: "Comment on egusphere-2026-868", Yonggen Zhang, 09 Aug 2026

The reviewers' scientific concerns have been satisfactorily addressed, and the revised manuscript is suitable for publication in HESS. No further external review is required. Before final acceptance, please resolve the following inconsistencies.

*We thank the reviewers and editor for carefully checking the revised manuscript. We have addressed both points as follows:*

1. The response states that "3D geological model integration is not currently supported. . . .." However, the revised manuscript still states that "a 3D geological model can be directly integrated . . . ." These statements are contradictory.

*We agree that the previous wording was contradictory. To ensure consistency between the response and the revised manuscript, we have modified the relevant statement in the manuscript: "For instance, to address heterogeneity and geological complexity, future developments enable the integration of a 3D geological model during the parameterization stage."*

2. The manuscript states that HydroModPy can be installed using pip install hydromodpy==1.0.0. However, the latest version currently available on PyPI is v0.3.5. Please ensure consistency among the version stated in the manuscript, the version available on PyPI, the GitHub release, and the installation command.

*We have checked the version information and updated it for consistency. Version 1.0.0 of HydroModPy is now available on PyPI (https://pypi.org/project/hydromodpy/), and the manuscript accordingly retains the installation command: pip install hydromodpy==1.0.0. The version stated in the manuscript, the PyPI release, and the corresponding GitHub release have been aligned accordingly.*

*We also thank Anonymous Referee #2 for carefully reviewing the manuscript. Following his comments, we have corrected the typographical errors and minor mistakes identified in the text and carefully checked the manuscript to ensure that these issues have been addressed.*