Geoscientific Model Development Discussions

Geosci. Model Dev. Discuss., author comment AC2
https://doi.org/10.5194/gmd-2021-419-AC2, 2022

Reply on RC2

Thibault Hallouin et al.

Author comment on "UniFHy v0.1.1: a community modelling framework for the terrestrial water cycle in Python" by Thibault Hallouin et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-419-AC2, 2022

Dear Editor, Dear Referees,

We would like to thank you for your consideration of our manuscript and for the thorough review of the manuscript and testing of the assets, and the positive and constructive feedback you provided us with. Please find attached a detailed point-by-point answer to the referees' comments.

The main revisions include:

Highlighting the similarities and differences with existing modelling framework (notably LandLab)
Emphasising the reasons for an intermediate modularity in the design of the framework
Improving the online documentation (installation instructions, improved tutorial now with accompanying data) and its access (link added in the manuscript and in the README file in the codebase)

A new version of UniFHy has been released (v0.1.1) to include these revisions alongside some bug fixes.

Thibault Hallouin, on behalf of the co-authors.

Please also note the supplement to this comment:
https://gmd.copernicus.org/preprints/gmd-2021-419/gmd-2021-419-AC2-supplement.pdf