

Comment on “BioRT-Flux-PIHM v1.0: a watershed biogeochemical reactive transport model” by Wei Zhi et al.

Topical Editor decision

Received: 6 Oct 2021

Dear Editor Min-Hui Lo:

Thank you for your speedy handling of our manuscript. We have made minor changes as suggested, as below:

1) Thanks for further illustrating the meaning of NSE (i.e., NSE ranges between -infinity to 1, with NSE = 1 being the perfect fit (Moriasi et al., 2007)); however, can you move to the 1st time when you introduce NSE index?

Response: moved to the first mention of the NSE index as suggested. Thanks.

Line 398 – 399: “Note NSE ranges from $-\infty$ to 1, with NSE = 1 being the perfect fit (Moriasi et al., 2007).”

2) Please also provide the doi from zenodo for “Documentation, source code, and examples”, which now is only from the github link: [https://github.com/Li-Reactive-Water-Group/BioRT-741 Flux-PIHM](https://github.com/Li-Reactive-Water-Group/BioRT-741-Flux-PIHM).

Response: we have added a Zenodo link in the text as suggested.

Line 114 – 117: “The source code and the examples shown here are archived on the Zenodo website (<https://doi.org/10.5281/zenodo.3936073>) and the GitHub website (<https://github.com/Li-Reactive-Water-Group/BioRT-Flux-PIHM>).”

Line 739 – 742: “**Code availability.** The current model release (BioRT-Flux-PIHM v1.0) is archived at: <https://doi.org/10.5281/zenodo.3936073>. Documentation, source code, and examples are available at GitHub repository: <https://github.com/Li-Reactive-Water-Group/BioRT-Flux-PIHM>.”