



Corrigendum to **“Vegetation optimality explains the convergence of catchments on the Budyko curve” published in Hydrol. Earth Syst. Sci., 26, 6289–6309, 2022**

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1 Corrigendum

On p. 6300, the following statement is misleading: “To our knowledge, the results presented here illustrate for the first time that an ecologically motivated optimality principle (maximum net carbon profit) leads to a close reproduction of the Budyko curve.” Hereby we overlooked an important prior publication. We apologize for this omission and would like to replace the above sentence with the following:

“Hunt et al. (2021) combined percolation theory and the assumption that vegetation maximizes net primary productivity to arrive at a formulation that also reproduces the Budyko curve.”

The correction does not affect any of the presented results or conclusions, but we hope to draw the readers’ attention to an additional strain of work that links the organization of catchments in Budyko space to optimality principles.

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References

Hunt, A. G., Faybishenko, B., and Ghanbarian, B.: Predicting Characteristics of the Water Cycle From Scaling Relationships, *Water Resour. Res.*, 57, e2021WR030808, <https://doi.org/10.1029/2021WR030808>, 2021.