



## **The Turc-Budyko adimensional graphs as a tool for consistency assessment**

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This poster discusses the Turc-Budyko nondimensional graph, a widely used nondimensional representation relating long-term actual evaporation to precipitation and potential evaporation as a tool for assessing the consistency of catchment water balance. We present examples showing both the classical use of the graph (based on long-term averages, see Andréassian and Perrin, 2012) but also a newer use involving dated annual values, which allows to check the consistency of individual years (see Coron et al., 2015).

### References

Andréassian, V., and C. Perrin (2012), On the ambiguous interpretation of the Turc-Budyko nondimensional graph, *Water Resour. Res.*, 48, W10601, doi:10.1029/2012WR012532.

Coron, L., V. Andréassian, C. Perrin & N. Le Moine. 2015. Graphical tools based on Turc-Budyko plots to detect changes in catchment behaviour. *Hydrological Sciences Journal*, doi: 10.1080/02626667.2014.964245