

Hydrol. Earth Syst. Sci. Discuss., community comment CC1
<https://doi.org/10.5194/hess-2022-200-CC1>, 2022
© Author(s) 2022. This work is distributed under
the Creative Commons Attribution 4.0 License.

Comment on hess-2022-200

Auro Almeida

Community comment on "Is the reputation of *Eucalyptus* plantations for using more water than *Pinus* plantations justified?" by Don A. White et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2022-200-CC1>, 2022

Follow minor comments and suggestions to the paper. It was not my intention to make a detailed review of the paper

Line 330 should be Rio Grande do Sul instead than Rio Grande du Sol

Table 1

In Almeida et al 2016 shows the results of two regions Terra Dura and Ponta das Canas, the Table show only Terra Dura, I would suggest including the two group of catchments

In Reichert et al 2017 the Region should be Ponta das Canas and the state is Rio Grande do Sul and not Rio Grande du Sol

Soares and Almeida 2001 the Method is 3 instead than 2. The same catchment is presented in Almeida et al 2007 containing 8 years of results however it hasn't been included in the Table

General comment

The authors meta-analysis considering the two genera is valid contribution, however there are variations in water use by different species in the genera that haven't been adequately explored in the paper. This is important to avoid generalisation and misinterpretation. The authors cite examples of *E. globulus*, *E. grandis*, *P. radiata*, *P. patula* but no further comments are made on the variability of the species. There are many studies showing also variability of water use and water use efficiency between clones of the some species and I think this should be recognised and mentioned somewhere in the paper.

Auro Almeida