

***Interactive comment on* “Technical Note: On the confounding similarity of two water balance formulas – Turc-Mezentsev vs Tixeront-Fu” by Vazken Andréassian and Tewfik Sari**

Vazken Andréassian and Tewfik Sari

vazken.andreassian@irstea.fr

Received and published: 26 March 2019

Thank you for your careful review, and especially for helping detect the two typos in the formulas.

When you ask whether there is an explanation to the fact that both formulas only differ for very low humidity indices, we must recognize that we could not think of any mathematical explanation.

Concerning section 4.3 : Thank you for the encouraging words. We are not sure that we will keep this section as it is, because reviewer 1 found it extremely difficult to

[Printer-friendly version](#)

[Discussion paper](#)



understand. We had thought that interpreting the two formulas as an approximation of the classical Min and Max functions would help the reader “visualize” what the formulas were doing. . . but it seems that it remained too abstract? Perhaps could we move it to the appendices...

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-39>, 2019.

HESSD

Interactive
comment

Printer-friendly version

Discussion paper

