

**Comments to the author:**

Thanks for your revisions. Just a few technical points:

We thank the editor for indicating these technical points. Below we answer them in blue font.

Lake's area should be Lake area, I think

Changed as suggested

Why Pp for Precipitation when you use single letters for the other terms (e.g., E)? Perhaps writing the full word on the axes might be even better

Thanks for the advice. We use "Pp" for precipitation and not a single letter like "P" to not confuse the "P" of Penman (e.g.,  $P_{SDH}$ ,  $P_{stdr}$ ) in section 3.1 (Figure 4). We prefer to not use the full word to avoid extended axis labels and to be consistent with other abbreviations like E, ONI, PDO, etc. To avoid confusion, we have added next to the words precipitation and evaporation (Pp) and (E), respectively, in the caption of figures 6, 9, 10, 12, and 13.

A1:  $r_a$ , add Resistance on axis? local with capital L

I think that the editor refers to Fig A2. Changed as suggested.

A2/A3: is it clear that m is slope?

It is explained in line 571. In addition, we have added “ (m) corresponds to the regression slope” in the caption of Figure A3.

A4: I would say degree hours have the unit h, not?  $T_a$  and similar elsewhere (e.g.  $R_n$ ): doublecheck the use of subscripts

Yes, it was changed as suggested and all subscripts have been revised.