

Correction

Correction: Balsamo, G., et al. Satellite and In Situ Observations for Advancing Global Earth Surface Modelling: A Review. *Remote Sensing* 2018, **10**, 2038

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The authors wish to make the following corrections to this paper [1]:
 Update of Figure 1 and correct authorship to include Dr. Eleanor Blyth (CEH).

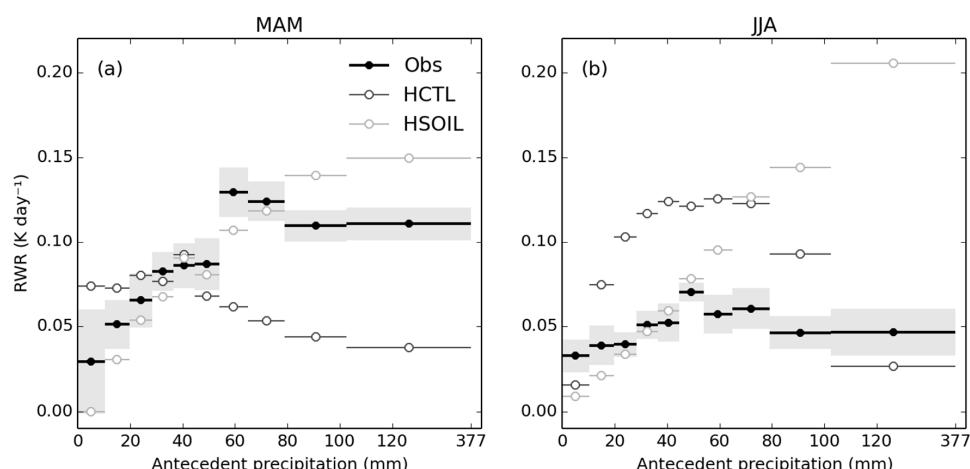


Figure 1. Example of usage of land surface temperature during dry episodes after a precipitation event. The plot shows a composite of the so-called Relative Warming Rate (RWR) as a function of the amount of precipitation during the preceding event for March–April–May (MAM, left) and June–July–August (JJA, right). RWR quantifies the increase in dry spell land surface temperature relative to air temperature, and is a measure for the evaporation regime of the land surface.

The authors wish to make the following corrections to this paper [2]:

Correction to the legend of Figure 15 to mention this is adapted from Rodriguez-Fernandez et al., 2018 ([2] and referenced as [182] in [1]).

The authors would like to apologize for any inconvenience caused to the readers by these changes.

References

- Balsamo, G.; Agustí-Parareda, A.; Albergel, C.; Arduini, G.; Beljaars, A.; Bidlot, J.; Bousserez, N.; Boussetta, S.; Brown, A.; Buizza, R.; et al. Satellite and In Situ Observations for Advancing Global Earth Surface Modelling: A Review. *Remote Sens.* **2018**, *10*, 2038. [[CrossRef](#)]
- Rodríguez-Fernández, N.J.; Mialon, A.; Mermoz, S.; Bouvet, A.; Richaume, P.; Al Bitar, A.; Al-Yaari, A.; Brandt, M.; Kaminski, T.; Le Toan, T.; et al. An evaluation of SMOS L-band vegetation optical depth (L-VOD) data sets: high sensitivity of L-VOD to above-ground biomass in Africa. *Biogeosciences* **2018**, *15*, 4627–4645. [[CrossRef](#)]



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