Correction to: One-step approach for estimating maize actual water use: part II. Lysimeter evaluation of variable surface resistance models

R. López-Urrea¹ · J. L. Chávez²

Published online: 27 November 2018
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Correction to: Irrigation Science
<https://doi.org/10.1007/s00271-018-0607-7>

Following online publication of the paper, the authors have detected that the slope of the lines of linear regressions shown in the text (i.e., 0.981 of Fig. 1a, 0.81 of Fig. 3a, and 0.84 of Fig. 3b) do not correspond to the values reported in the regression equations inserted in Figs. 1, 2 and 3 in the published article. When the linear regressions lines were forced through the origin, the linear regression equations changed. The correct regression equations were shown in Figs. 1, 2 and 3 of the paper for this case. However, the interpretation and explanation of the linear regressions (equations) reported in statistical analysis section, i.e., “regression line slope/intercept” and the slope values shown in the text correspond to the case where linear regression equations were not forced through the origin (see Figs. 1, 2, 3).

Note: In any case, forcing or not forcing the linear regression through the origin does not alter the results and conclusions reported in the article.

The original article can be found online at <https://doi.org/10.1007/s00271-018-0607-7>.

✉ J. L. Chávez
jose.chavez@colostate.edu

R. López-Urrea
rlu.itap@dipualba.es

¹ Instituto Técnico Agronómico Provincial (ITAP) and FUNDESCAM, Parque Empresarial Campollano, 2ª Avda. Nº 61, 02007 Albacete, Spain

² Department of Civil and Environmental Engineering, Colorado State University, 1372 Campus Delivery, Fort Collins, CO 80523, USA

Fig. 1 Measured vs. calculated nighttime maize ET_a at 30-min (a) and cumulative nighttime (b) time steps, assuming a r_s fixed value of 180 m s^{-1} . The dashed line shows a 1:1 line

Fig. 2 Measured vs. calculated maize ET_a (mm 30-min $^{-1}$) using average of 30-min (left) and daily (right) r_s per EF class. The dashed line shows a 1:1 line

Fig. 3 Measured vs. calculated cumulative daytime maize ET_a using average of 30-min (left) and daily (right) r_s per EF class. The dashed line shows a 1:1 line