ERRATUM

Erratum to: Evaluation and calibration of Blaney–Criddle equation for estimating reference evapotranspiration in semiarid and arid regions

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The authors would like to correct errors in the original publication as detailed below.

The correct version of the author lists is given here:

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The complete paragraph in the subheading “Local cali-
bration” is replaced as follows:

Local calibration

In order to calibrate the original coefficients BC equation (a , b) using monthly data, a linear regression procedure was adopted. Considering the linear regression between ET_0 as the dependent variable obtained from the FAO-56 PM method as reference, T_{mean} as the independent variable and obtaining the P value from the appropriate table (James 1988), the slope and intercept of the regression line can be calculated for each region and each month of the year (Fooladmand and Ahmadi 2009). Using the local calibrated coefficients (a_{cal} , b_{cal}) instead

of the original coefficients, Eq. (2) can be rewritten (hereafter as CBC)

$$ET_0 = a_{cal} + b_{cal}[P(0.46T_{mean} + 8.13)]. \quad (3)$$

Using the geographical coordinates of the stations and considering the a_{cal} and b_{cal} values, the spatial and temporal distribution maps of these coefficients were drawn for each month of the year (Fooladmand and Ahmadi 2009). To obtain these maps, geographic information system (GIS)-assisted methods were used. Contour maps of coefficients (a_{cal} , b_{cal}) were obtained by inverse distance weighting (IDW) with power of one used for interpolation (Kravchenko and Bullock 1999).

The below reference is included in the reference list:

Reference

- Fooladmand HR, Ahmadi SH (2009) Monthly spatial calibration of Blaney–Criddle equation for calculating monthly ETo in south of Iran. *Irrig Drain* 58:234–245
- Kravchenko A, Bullock DG (1999) A comparative study of mol. 88:1650–1657. Interpolation methods for mapping soil properties. *Agron J* 91:393–400