Corrigendum

Corrigendum to “Linear Optimization Model for Efficient Use of Irrigation Water”

Wafa Difallah¹,^{ID} Khelifa Benahmed,² Belkacem Draoui,¹ and Fateh Bounaama¹

¹Laboratory of Energetic in Arid Zones (ENERGARID), Department of Electrical Engineering, Faculty of Technology, Tahri Mohammed University of Bechar, Bechar, Algeria

²Department of Mathematics and Computer Science, Faculty of Exact Sciences, Tahri Mohammed University of Bechar, Bechar, Algeria

Correspondence should be addressed to Wafa Difallah; wafadif@gmail.com

Received 6 August 2018; Accepted 7 August 2018; Published 1 October 2018

Copyright © 2018 Wafa Difallah et al. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

In the article titled “Linear Optimization Model for Efficient Use of Irrigation Water” [1], there were errors in the line after Equation (7), the values of Table 3, and the third paragraph of the Discussion section.

The line after Equation (7) reading “ $\alpha_1 = 1$ for $r_i \in R$ and $\alpha_2 = 1$ for $ur_i \in UR$ ” should be corrected to “ $\alpha_1 = 1$ for $r_i \in R$ and $\alpha_2 = 1$ for $s_i \in S$.”

Additionally, the values are reversed in Table 3. Therefore, the table should be corrected as follows.

TABLE 3

Month	Jan	Feb	Mar	Apr	May	Jun	Total
Usual irrigation water	64.30	82.75	108.75	168.75	212	75.25	711.80
Estimated irrigation water	44.29	61.64	76.25	113.12	149.66	63.89	508.85

In the third paragraph of the Discussion section, “April” should be corrected to “June.” Therefore, the text reading “This difference increases to reach the highest value in the month of May, which is estimated at 62.34 mm, and then decreases until the month of April to 11.36 mm, and this is a logical decrease because rainfall in this period reaches the lowest levels as shown in Figure 1” should be corrected to “This difference increases to reach the highest value in the month of May, which is estimated at 62.34 mm, and then

decreases until the month of June to 11.36 mm, and this is a logical decrease because rainfall in this period reaches the lowest levels as shown in Figure 1.”

References

- [1] W. Difallah, K. Benahmed, B. Draoui, and F. Bounaama, “Linear optimization model for efficient use of irrigation water,” *International Journal of Agronomy*, vol. 2017, Article ID 5353648, 8 pages, 2017.