



Corrigendum to

**“Assessing the potential hydrological impact of the Gibe III Dam on Lake Turkana water level using multi-source satellite data”
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N. M. Velpuri^{1,*} and G. B. Senay^{1,2}

¹GISc Center of Excellence, South Dakota State University, Brookings, SD, USA

²USGS Earth Resources Observation and Science (EROS) Center, Sioux Falls, SD, USA

* now at: ASRC Research and Technology Solutions, Contractor to US Geological Survey (USGS)
Earth Resources Observation and Science (EROS) Center, Sioux Falls, SD, USA

Correspondence to: G. B. Senay (senay@usgs.gov)

In the above mentioned manuscript mistakes in Eq. (10),
(11) and (12) occurred.

Please find below the correct equations.

$$\frac{\Delta L_{v,i}^*}{\Delta t}(G1) = Q_{\text{rain}}^*(G1) + Q_{\text{inf}}^*(G1) - Q_{\text{evap}}^*(G1) - Q_{\text{out}}(G1) \quad (10)$$

$$\frac{\Delta L_{v,i}^*}{\Delta t}(G3) = Q_{\text{rain}}^*(G3) + Q_{\text{inf}}^*(G3) + Q_{\text{out}}(G1) - Q_{\text{evap}}^*(G3) - Q_{\text{out}}(G3) \quad (11)$$

$$\frac{\Delta L_{v,i}^*}{\Delta t}(\text{LT}) = Q_{\text{rain}}^*(\text{LT}) + Q_{\text{inf}}^*(\text{LT}) + Q_{\text{out}}(G3) - Q_{\text{evap}}^*(\text{LT}) \pm \varepsilon \quad (12)$$