Hydrology and Earth System Sciences

Corrigendum to

"Assessing the potential hydrological impact of the Gibe III Dam on Lake Turkana water level using multi-source satellite data" published in Hydrol. Earth Syst. Sci., 16, 3561–3578, 2012

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

Please find below the correct equations.

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

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

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