



## ***Corrigendum to*** **“Soil CO<sub>2</sub> efflux errors are lognormally distributed – implications and guidance” published in Geosci. Instrum. Method. Data Syst., 9, 239–254, 2020**

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The published article reported an incorrect equation  
(Eq. A7b):

$$\begin{aligned}\sigma_S &= 1/S_+^2 \sum_{i,j} \text{cor}_{ij} \sigma_i \sigma_j e^{\mu_i} e^{\mu_j} \\ &= 1/S_+^2 \sum_{i,j} \text{cor}_{ij} \sigma_i \sigma_j E[X_i] e^{-\sigma_i^2/2} E[X_j] e^{-\sigma_j^2/2}. \quad (\text{A7b})\end{aligned}$$

The corrected version of Eq. (A7b) is

$$\begin{aligned}\sigma_S^2 &= 1/S_+^2 \sum_{i,j} \text{cor}_{ij} \sigma_i \sigma_j e^{\mu_i + \sigma_i^2/2} e^{\mu_j + \sigma_j^2/2} \\ &= 1/S_+^2 \sum_{i,j} \text{cor}_{ij} \sigma_i \sigma_j E[X_i] E[X_j]. \quad (\text{A7b})\end{aligned}$$