Correction to :-

Equations 7 and 8 omit the \textit{power 2} in the top and bottom expressions. The correct equations are

For the Nash-Sutcliffe efficiency factor (Z):

\[
Z = 1 - \frac{\sum_{e=1}^{n} (A_{eo} - A_{ep})^2}{\sum_{e=1}^{n} (A_{eo} - A_m)^2} \tag{7}
\]

where \(A_{eo}\) is the measured or observed soil loss for event \(e\), \(A_{ep}\) is the soil loss given by Eqs. 5 or 6 and \(A_m\) is the mean soil loss for all the events being considered.

For logarithmic data, the Nash-Sutcliffe model efficiency factor is given by

\[
Z_{ln} = 1 - \frac{\sum_{e=1}^{n} (\ln(A_{eo}) - \ln(A_{ep}))^2}{\sum_{e=1}^{n} (\ln(A_{eo}) - (\ln(A_{mm}))^2} \tag{8}
\]

where \(A_{mm}\) is mean of \(\ln(A_{eo})\) for all the events being considered.