Material and Methods:

Mean Bias Error:

$$MBE = N^{-1} \sum_{i=1}^{N} (P_i - O_i)$$
 (1)

Index of Agreement / Model Efficiency Index:

$$IA = 1 - \frac{\sum_{i=1}^{N} (P_i - O_i)^2}{\sum_{i=1}^{N} (|P_i - \overline{O}| + |O_i - \overline{O}|)^2}$$
(3)

Mean Average Error:

$$MAE = N^{-1} \sum_{i=1}^{N} |(P_i - O_i)|$$
 (5)

Correlation Coefficient:

$$Kor(P,O) = N^{-1} \frac{\sum_{i=1}^{N} (P_i - \overline{P}) \cdot (O_i - \overline{O})}{\sqrt{var(P) \cdot var(O)}}$$
 (7)

Normalized Root Mean Square Error:

$$NRMSE = \frac{RMSE}{\overline{O}}$$
 (2)

Nash-Sutcliffe Efficiency:

$$NSE = 1 - \frac{\sum_{i=1}^{N} (P_i - O_i)^2}{\sum_{i=1}^{N} (O_i - \overline{O})^2}$$
 (4)

Root Mean Square Error:

$$RMSE = N^{-1} \sqrt{\left(\sum_{i=1}^{N} (P_i - O_i)^2\right)}$$
 (6)

Variance:

$$var(x) = N^{-1} \sum_{i=1}^{N} (x_i - \overline{x})^2$$
 (8)