

Referee two

General comments: Generally the paper has presented good approach to estimation of flow/runoff in ungauged catchments. However the discussion on the transferability of the results to other ungauged catchments is not well covered. **Noted and improvement will be made**

Validation of the results: It could have been better to use independent data set within the catchment (the data set not used for optimization) for the verification/validation of the models.

The model was calibrated on historical data subsequently the model was run for a recent period where actual flows are not available for further validation.

Historical records (28 years)- it is not clear whether the data was collected from a single gauging stations or several gauging stations for different the 21 subcatchments.

Noted improvement will be made to the manuscript

Specific comments: Line 10: the word 'forecast'—should be replaced with 'estimate' as forecasting has different meaning

Noted

Line 13: Equation (3): Y is not defined Line 20: Subcatchments are not labelled as S3-S23 but 3-23 (refer Fig.2)

Noted

Line 24: '....minimum values do not exceed 703m' This sentence is not clear! For the Minimum elevation attribute (Table 9), the maximum value is 804m and not 703m.

Noted