

The authors have made substantial efforts to improve the manuscript and clearly addressed most of the points raised by both reviewers. I have only few minor comments to be addressed before final acceptance for publication.

1 “The calibrated parameters and hydrograph of the calibration results in the Han River basin were described by Chung et al (2017).” For calibrated parameter in Table 1.( Descriptions of calibrated parameters in SWAT), how can we relate these influential parameters to physical process of hydrology? Some discussion may need to be added.

2 How to explain the differences between the adjusted values for dams and weirs? For example, the adjusted values for reservoir related parameters, RES\_ESA, RES\_EVOL, RES\_PSA and so on are different for dams and weirs. How to interpolate these differences? Again, it is better to relate to physical process.

3 The calibrated values are average values in Table 1. Then did you use these average values across the entire study area?