

Number of parameters N_p	37
Physical total time of the inflow hydrograph	72 h
Physical total time of the run testing the 1st parameter p_1 , assuming 100 h for reaching the steady state condition	172 h
Computational time of the whole inflow hydrograph simulation (72 h)	9.62 min
Computational time of the run testing the 1st parameter (172 h)	19.38 min
Number of the BGA iterations N_i for the model parameter estimation	4
Number of the BGA iterations N_o for the structural parameter estimation	4
Total number of simulations N_t (Eq. 15)	609
