

□ Modeling framework

Precipitation, temperature & wind speed at each grid cell



Step 1 – Hydrologic Model (VIC)
(Variable Infiltration Capacity model)



Energy fluxes & runoff at each grid cell

Step 2 – Routing Model (RVIC)



Naturalized streamflow

Step 3 – Reservoir Model



Regulated streamflow

Step 4 – Stream Temperature Model (RBM)



Stream temperature