This dataset (R1\_Baseline\_Bot\_S\_RiverKilometer.nc) contains the model result from Case R1 (baseline, Sea Level Rise = 0m). All the variables in the netcdf file are obtained at the points along the River Kilometer (RK) system measuring upstream from the river mouth (RK=0), which are defined as follows:

* time: time in milliseconds since 2010-09-28 12:00:00
* lon: longitude [degree]
* lat: latitude [degree]
* h: bathymetry [m]
* tauc: bed stress magnitude from currents [m^2 s^-2]
* zeta: water surface elevation [m]
* z: depth of bottom grid
* salinity: bottom salinity [g/kg]

The corresponding points along the RK system is saved in River\_Kilometer.csv.

For any additional data request, please contact Dr. Zhaoqing Yang ([zhaoqing.yang@pnnl.gov](mailto:zhaoqing.yang@pnnl.gov))