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I created two model outputs with the complete model input sets.

I also include R scripts to fill the model inputs and post-process the model outputs at the shared folder.

CO2 production amounts: nhd\_stream\_annual\_resp.csv (you can use “totco2g\_m2\_day (aerboic+anaerobic) or totco2\_o2g\_m2\_day (aerobic) ”, total co2 production per stream area)

O2 consumption amount: nhd\_stream\_annual\_o2\_consum.csv (you can use “tot\_o2\_cons\_g\_m2\_day (aerobic)”)

first 1000 hourly outputs : reach\_snapshot\_lat.h5 and each\_snapshot\_ver.h5