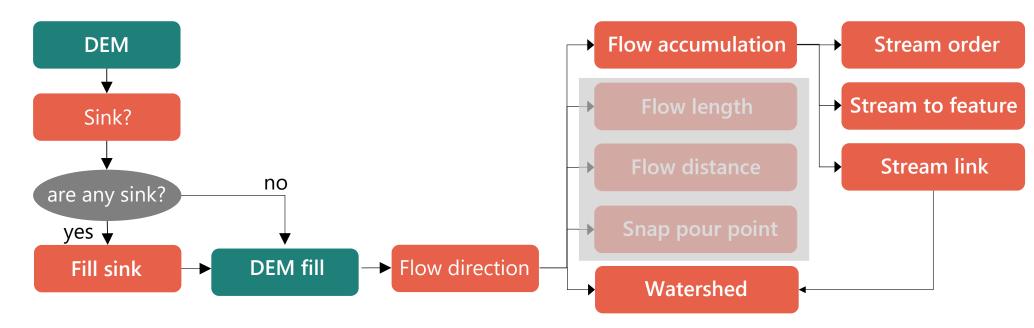
GIS10 River flow

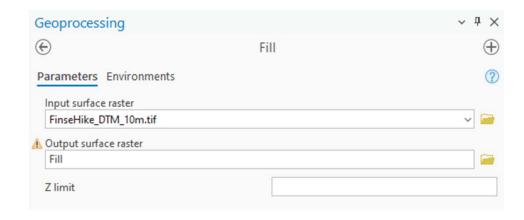
Luc Girod – GEO(3 | 4)460 – Spring 2025

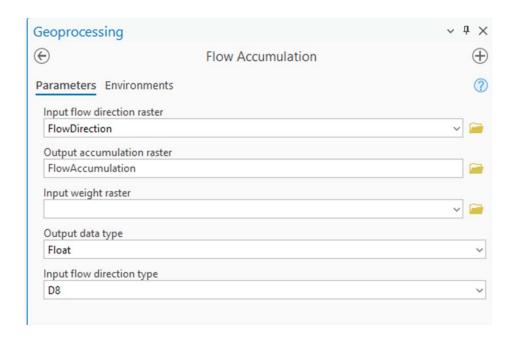
Modeling the water flow

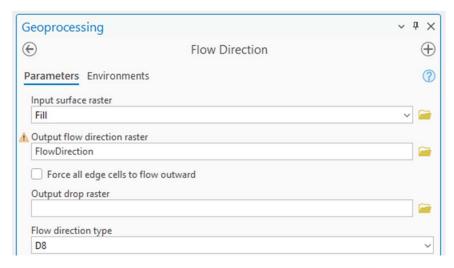
As seen in class, this is the process of identifying rivers and watersheds:

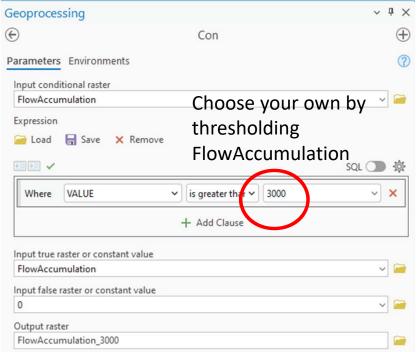
The process for hydrologic modeling

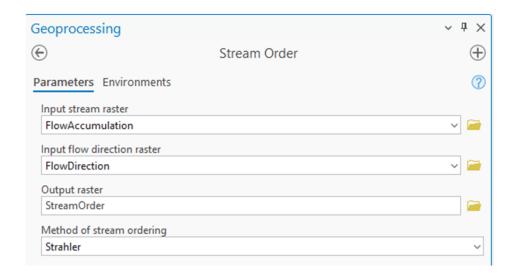










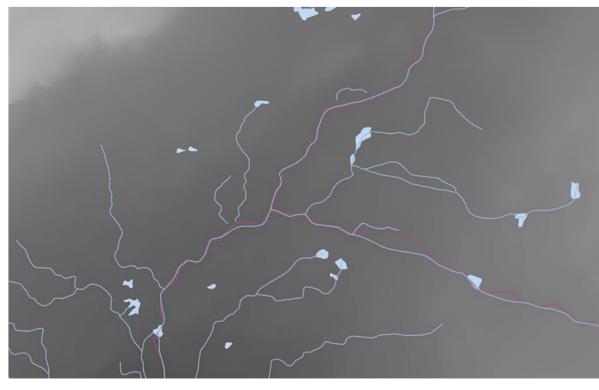




How different are those?

Comapre with provided N50 kartdata



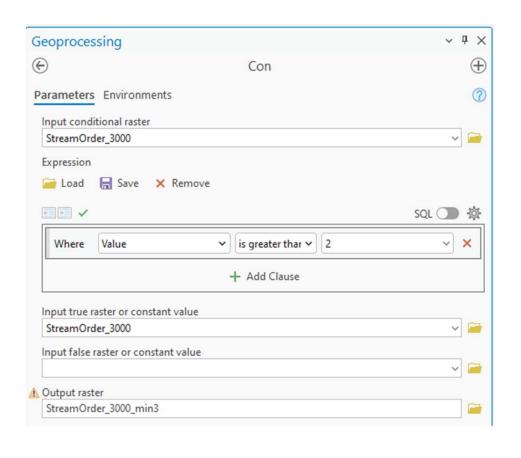


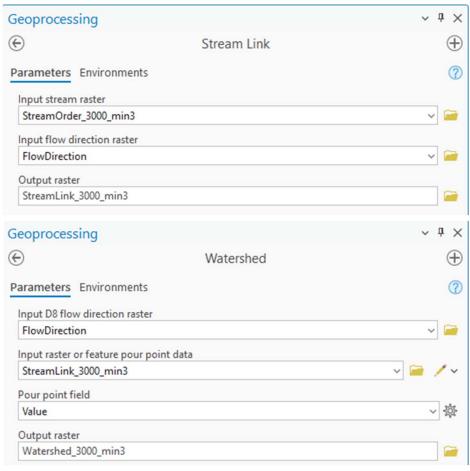






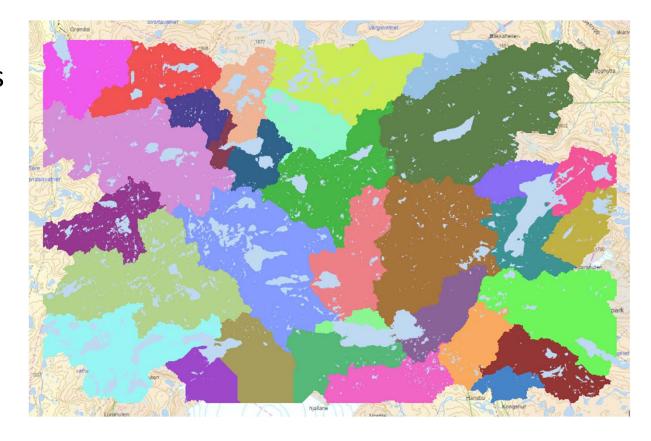
Removing small order rivers to get larger watersheds





Accumlation 300+ River order 3+ watersheds

- Edge areas don't get a watershed as there was no rivers of order 3+ there
- Watersheds are much bigger now



Lab report

- Run this in another location
- Find a way to incorporate lakes in this process
- Compare with N50 rivers