

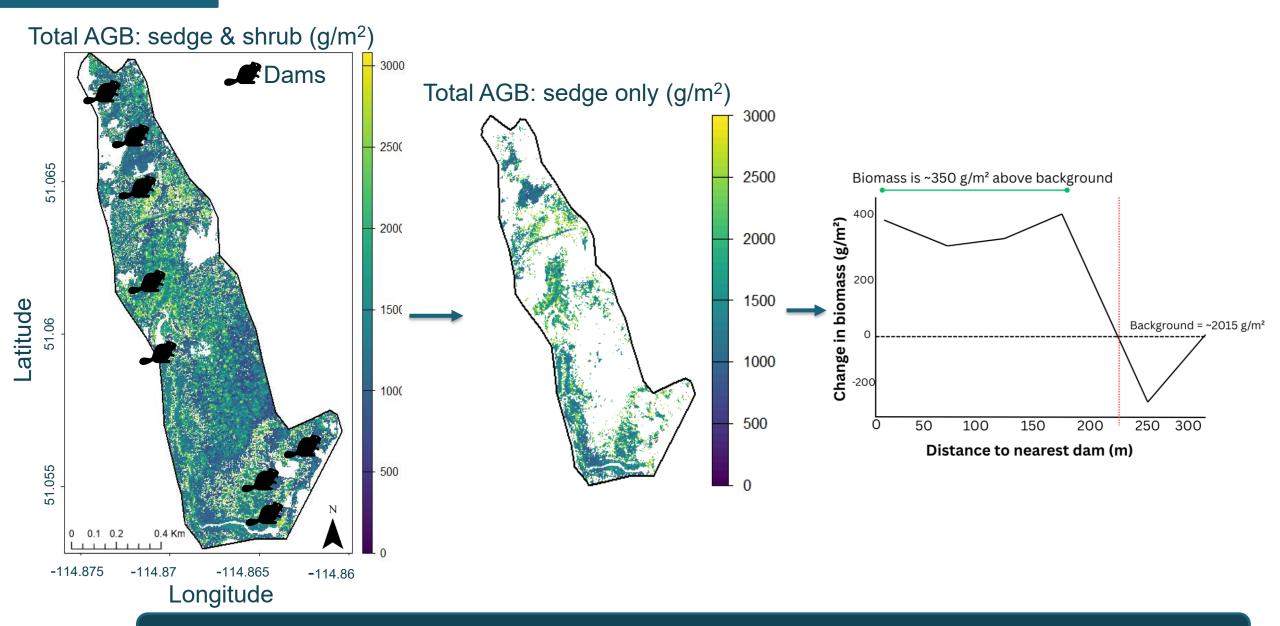
The challenge

Beaver dams → increased groundwater & surface water connectivity Influence on peatland plant biomass is unknown



What is the spatial dependency of sedge biomass on beaver dams?

Main findings

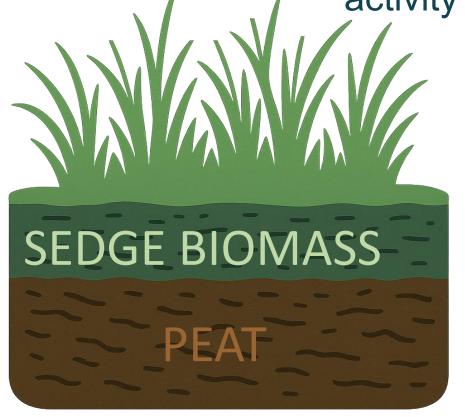


Ecological footprint: significant increase in sedge biomass of ~10% within 225 m

- Beaver damming leads to increase in local biomass
- Biomass is a key control on energy, water, and carbon fluxes.

New insights into the ecohydrological mechanisms that couple beaver

 activity to peatland C cycling



Beaver dams are an important driver of plant production in peatlands