Conceptual model for meadow water source dynamics, first draft

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Soil/water

* Water table level and seasonal fluctuation
* Soil organic content
* Soil nutrient

Stream/aquatic

* Stream temperature
* Water quality
* Benthic invertebrates

Stream

**Meadow water source(s)**

**snowmelt driven vs. groundwater driven**

HGM typing of meadows

Wildlife habitat

* Amphibian habitat
* Terrestrial invertebrates

Climate change:

* Meadow resilience
* GHG emissions

Vegetation

* Productivity
* Species composition