

**Crown LCD Analysis Team**  
**August 1, 2023**

**Attendees**

- Mary
- Sean
- Phil
- Danie
- Xiaosi
- Maddy
- Clint
- Vin

**Salmonids Cost Analysis (Clint & Vin)**

- Presence of invasive species
  - o Brook, Brown, Rainbow and Lake trout
- For a population:
  - o Each segment along a known spawning stream gets a value – get population average from weighted average persistence score
    - Cutthroat – more data because of boundary data
  - o Streams layer and population built from streams layer
- Do we want baseline data now or under future climate scenario?
- For resource managers:
  - o Its context specific which attribute is most important to which feature
  - o Build on Native Salmonids workshops
    - Take an area and make up a map from this one
- Consistent data sets for the most part across the border
  - o One thing that isn't available in Canada is flow so
- Schedule Clint and Vin to present to CMP when finished
  - o Helpful for managers to generate questions needed
  - o What other features may be important within the landscape?
    - LCD will help us discover this
- Use imbedded weighting in the data and run through Marxan as first step
  - o Why is optimization model presenting the way it is?
- Ultimate question is what do managers do with knowledge?
- Within LCD framework
  - o Current status = value right now
  - o Future predictions = possible cost
- Do we want to use weighted values or use attributes individually
- Plans to publish publicly
  - o Whole map and tool
  - o By winter – hopefully by fall

- Whole northern Rockies
- Goal is to develop similar map with LCD guidelines
  - Also have multi-feature models
- Sean and Phil invite Vin and Clint to Box

New Crown-wide wetlands feature data layer (Sean)

- Patrick Donnelly
  - WetCrown
    - Wetlands data
    - Have been getting wetland data from the Commission on Environmental Cooperation
    - Land cover types that are rare on landscape (ex. Riparian) are not perfect