

LCD Analyst Meeting

6/18/2020 | 3pm

Attendees: Sean, Mary, Phil, Aubin, Erin, Natalie

Aiding Feature Selection

- Range Maps
 - Using IUCN data and a protected areas layer, Natalie has created a table that shows the percent of the top 20 species' ranges that fall in protected areas
 - Not all protected areas are created equal - as the numbers (Ia, II, etc) increase, the level of protection decreases
 - This information will help the leadership team select focal features
 - Once we whittle down the number of features, we may revisit this in more detail
 - Next steps involve taking Phil's landcover data and creating a similar table for ecosystem types
 - Action: **natalie** will connect with aubin about this via email
 - Natalie is missing data on wolverine, westslope cutthroat trout, and pronghorn
 - Action: **Phil** will send WSCT data to natalie
 - Something to continue to be cautious about is considering the various resolution of data - for example, USGS WSCT data is probably far less coarse than IUCN data - we will constantly need to be considering this throughout the process
 - Design of the range maps
 - Action: **Phil and Natalie** will send Mary range maps and landcover maps, and she will design the "template"/aesthetics for future maps
- Published Conservation Status
 - This is the legal status of these species - we're Only missing data for BC
 - the lower the number, the more concern there is for species
- Ongoing monitoring
 - Darker color = monitored more; lighter colors= monitored little
- Revisit data tables
 - Has not been started yet
- Habitat Guilds
 - Sean created a coarse/fine relationships habitat guild table
 - Caveat - we need to parse out riparian and wetland systems
 - Will we lump into mini guilds (ie. ungulates vs. pronghorn, goats, deer)?
 - We'll figure this out as we carry out the process
 - Note: change Grassland systems to *native* grassland systems

Fleshing out landscape features

- Conceptual models
 - The leadership team has selected two independent features - cold water salmonids and climate refugia

- Natalie has drafted a conceptual model for cold water salmonids using the CMP Conservation Playbook - however, Anne suggests reaching out to Clint for a conceptual model that he may have already made
 - Action: **Sean will reach out to Clint about conceptual model**
- It is not a huge priority to be building out a full conceptual model for climate refugia - although, when there is time to begin using Miradi, practice plugging this info in
- Assembling Subject Matter Experts
 - Natalie spoke with Anne and received several recommendations of people and sources for information
 - Anne really emphasized learning ahead of time so that our asks can be more specific

Phil's Maps

- Landcover
 - Used the same process as shannon blackadder
- Rivers layer
 - BC has smaller streams going into their network - we don't have stream order across all jurisdictions
 - It's possible some subregions are different enough that you run them separately in Marxan

What is the tech team's role right now?

- Natalie's thoughts: we're reliant on the leadership team to select focal features and the Subject matter experts to select key attributes - Perhaps it makes the most sense to utilize the tech team after we have information from SME and LT? That way, we can ask for specific data (ie. we need maps of plus trees for whitebark pine vs. give us all the data you have on whitebark pine) - would it be more efficient to wait until we have specific requests for the tech team?
- Sean's thoughts: at the next tech team meeting ask line by line on the datasheet - what kind of data do you have?
 - The tech team will also help us identify who the subject matter experts are

Meeting Logistics

- We may need to pick a different time to meet, as Erin has many meetings on thursdays