

LCD Analyst Meeting

7/8/2020

Attendees: Natalie, Sean, aubin, erin

Spatial data

- Landcover data - causing some problems - needed to rebuild topology - data layer has 3.8 million polygons (fine scale, but may be overkill) - may have polygons that are overlaying each other
 - Shannon blackadder created the most recent layer- did Phil derive from the most recent dataset/have access to the most recent version? - could be on hard drive and not sciencebase
 - Action: **erin will check in with Phil to make sure he is working with most recent data**

Better laptop

- Funds from travel can be reallocated
- Matt heller - features that a laptop should have to run marxan analysis
 - Action: **sean will send the computer requirements**
- **the computer using the reallocated funds**
- Erin will use her credit card and charge the purchase to the account with funding from agreement - once we pick what we want, email Jeremy and copy ErinCan purchase the computer through FLBS
 - Erin uses credit card and charges to account with funding from agreement - once we pick what we want, email Jeremy and copy Erin
 - Erin can help with administrative
- Natalie's current computer belongs to cmp - the new one would belong to bio station

How to lead leadership team through process of selecting features

- Nobody has a standard process - the process is also subjective
- Nominations for features (we did this by going thru mgmt plans) -> analytical tables describing the nominations ->vote -> look for holes and places to merge features
 - Could create a survey beforehand - send to folks on leadership team - bring results of the poll to virtual leadership team call - Gives people a chance to think about it ahead of time

Technical team

- Get feedback and test drive the selection process
 - Did this work? When we go to do this again, what should we do differently?
- Some folks might have insight on how other LCDs have done this process
- Once we select features, we will rely on the tech team to provide info on data availability and quality

Cold water salmonids

- First natalie made a conceptual model for cold water salmonids using info clint send over

- Takes into account the ICE tool
- Next, she determined “key attributes” and “costs” for salmonids (ie. Key attribute = cold water; cost = climate change)
- Then, she drafted indicators for those attributes and costs (ie. cold water habitat = mean august temperatures)
- Then, she began to determine ratings/thresholds for the indicators (ie. poor mean august temp = 20 degrees, good mean temp = 15 degrees)
 - This will become the Desired conditions - what thresholds do we need to meet?
- Next step: take exploratory work and put in front of subject matter experts to add to/adjust

Management plan evaluation

- Wetlands and riparian need to be divided on the mgmt plan sheet
 - Action: Natalie and Aubin will split wetlands/riparian (aubin will work from the left side and natalie from the right)
- When making the wetlands layer, aubin should split out these features as well

Writing tasks

- Note the potential holes for BC in management plan representation (we've gotten a couple more since then)
- Action: Erin will edit the feature selection document that sean has been writing up
 - About 20 pages with graphs and tables

Tribal involvement

Action: sean will send a list of folks that were invited to Erin

Action: erin will reach out to mary riddle about contacting Blackfeet partner