

9/1/2020 Analysis Team

Attendees: Aubin, Phil, Sean, Natalie, Erin

Leadership team call

- Coarse features
 - Connectivity - do we treat it as a cost layer?
 - When thinking about connectivity in terms of cost, think about activities like road construction, oil/gas, housing, wildfire that may prevent species from moving around - these are cost layers
 - What are we connecting? - large protected areas, conservation easements
 - Climate refugia - if species are going to exist into the future, they have to be able to get into those refugias
 - Data to use: Nature Conservancy - Climate refugia in Pacific Northwest; only covers half of the project area
 - It is a model of Diversity of climate niches
 - Len Broberg's student created an enduring features model for the Crown
 - Action: Erin will send this model to the group
 - Climate velocity work - Carlos Carol
 - How fast would a species has to move across a landscape to stay in niche
 - ie. Key attribute - human modification; indicator = shannon's map
 - May also serve as a cost when building fine feature models
- Fine Features
 - Native salmonids
 - Clint got back to us with data that he has - excited to meet as a SME team
 - Sean will work on pulling together this group - Action: Sean will add Phil, Erin, and Aubin to the mailing list
 - Not everyone will have to be on all calls, maybe think about how to divide and conquer later on
 - Guild approach
 - Potential problem:
 - Species in guilds start to parse out quickly in terms of habitat requirements (ie. mountain goat and mule deer)
 - Valley ungulates and mountain ungulates
 - Do other LCD build guilds? - Action: Sean will look into if other LCDs use guilds
 - Select the most vulnerable of the guild and use that as the representative
 - Similar to legal processes for water quality
 - Does having bull trout in the analysis cover the hybridization risk for WSCT?
 - We could weight the data differently

- We could weight bt habitat higher than WSCT - BT have higher importance, but WSCT isn't omitted

Vision

- Will be on first slides of presentations - will be on front page of the website

Tech team - data evaluations

- **Natalie** will send a reminder about call later in the week with an agenda
 - Spatial data that defines the selected features - particularly presence/absence
 - Start thinking of cost layers
- Sciencebase - sean has been poking around

Conceptual Models

- Sean is very close to getting USFWS to download Miradi
- Coarse features
 - **Natalie** will prioritize completing coarse feature conceptual models this month
 - Forest - how do we approach this, as what makes a healthy forest differs by forest type? - sean will take the first stab at this
 - National classification - forest community
 - Canopy cover
 - Forest inventory assessment

Management Plans

- Some have been added - we will use them to see how different plans handled things like "forests" - some plans have conceptual models for us to build from

Social/Cultural Experts

- We'll need to start recruiting them!

Action Items (August):

What?	Who?	When?
Post the vision Statement to the website	Mary	Before Sept. 22
Initiate data evaluations for selected coarse features	Analysis Team and Technical Team	Through Sept.
Evaluate guild approach for fine features	Sean	Report to LT on or before Sept. 22 call
Initiate conceptual models for selected features; bridge to Key Ecological Attributes	Natalie and Sean	Through September
Share additional plans you're aware of	Everyone	Ongoing, but great contributions from Kelly and Constanza!

Action Items (Prior):

What?	Who?	When?
Continue generating maps describing focal landscape features; post on website	Phil, Aubin, Sean	Ongoing; revisit monthly
Continue analytical work on cold water salmonids (and climate refugia) as a likely focal landscape feature	Analysis Team	Report to LT in Sept
Think about how we can recruit social, cultural and economic experts	Leadership Team	Ongoing; we will revisit in September