

Attendees: Bailie, Sean, Matt, Mary, Aubin, Natalie

Aquatic Integrity

- Dams or fish barriers
- Roads - in terms of amount of buffer to the stream (100m or less has negative impact)
- Increased Stream temp - if we know bull trout populations are sustaining in lakes and streams, can use Bull Trout presence in lieu of stream temp
 - Phil may have stream temp data, but if not, this proxy info makes sense
 - Sean will check in with Phil about Clint's data
 - Stream temp for US <https://www.fs.usda.gov/rm/boise/AWAE/projects/NorWeST.html>
- PADUS - protected area database
 - just did a quick search, this looks like it *might* work:
<https://www.canada.ca/en/environment-climate-change/services/national-wildlife-areas/protected-conserved-areas-database.html>
 - One way to handle protected area data - lock planning units in or out in Marxan; could be incorporated in cost layers
 - Want to use the most recent datasets, because Lost Trail was just added - should be in next iteration of PAD-US

Cost Layers that can apply to various features

- Would be nice to post arcgis layers online to take inventory of what layers we have created - is this worth the time for cohesion and reporting purposes?
- Road density
- Recreation trails
- Traffic volume
- Housing density
- Fish barriers
- Stream temp
- Active wells
- Soil moisture
- Disease from air pollution
- Spring snow persistence
- Industrial development
- Agricultural grazing (not great canadian data)

Survey monkey will expire in october

Mary is changing positions from contractor to USFWS science applications, so there will be a pot of money