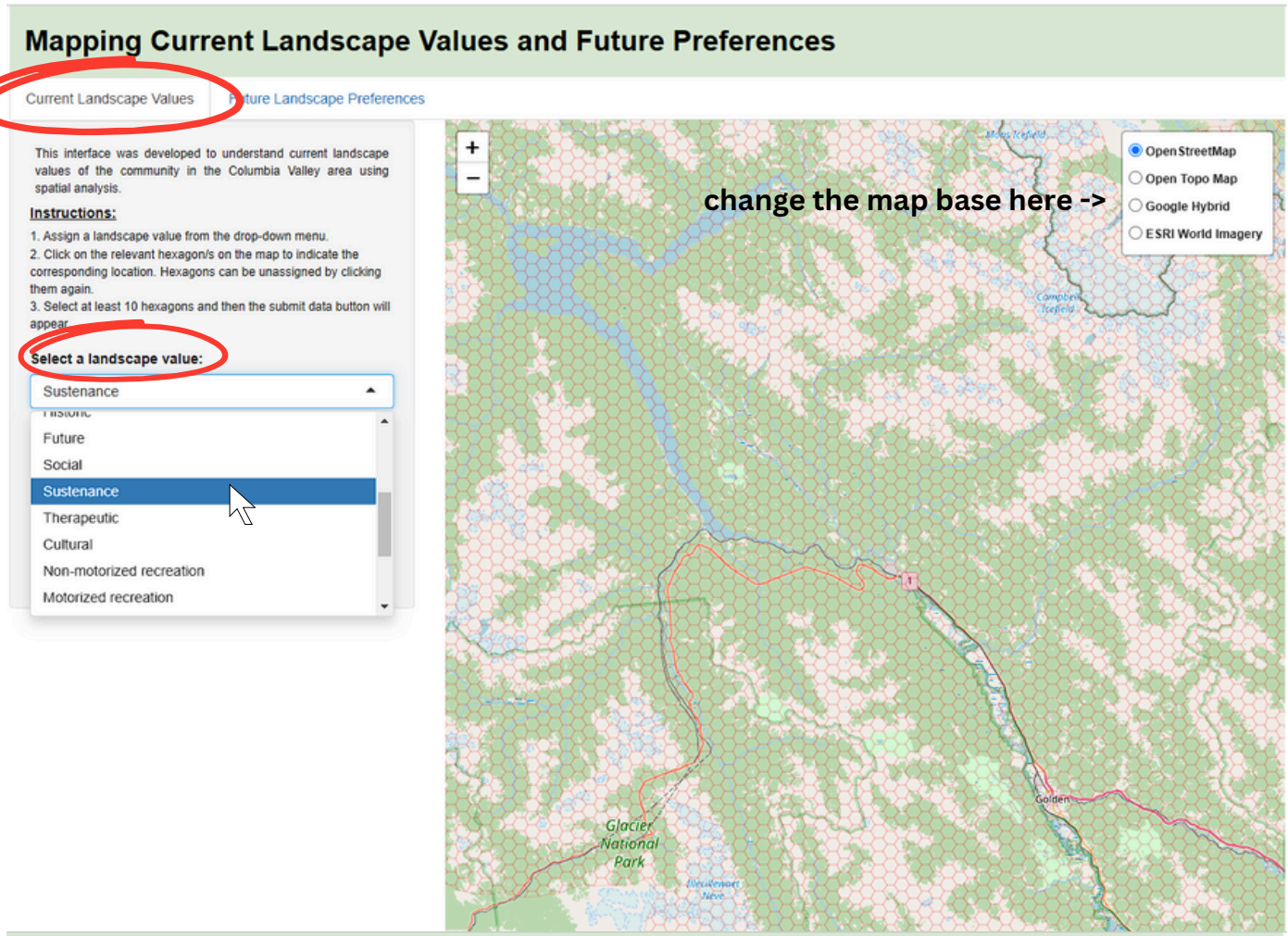
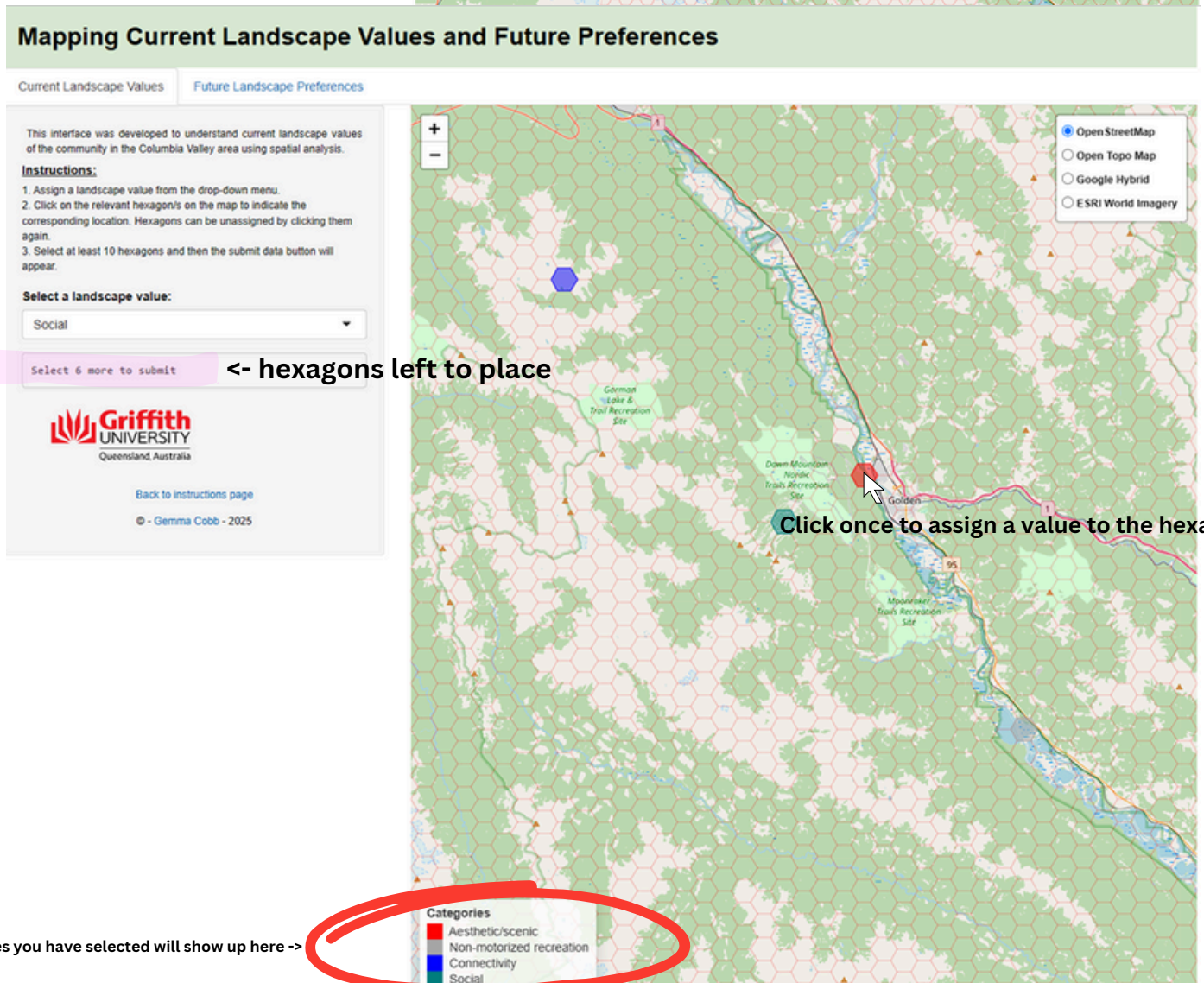
Tab 1: Landscape Values





Mapping Current Landscape Values and Future Preferences

Current Landscape Values | Future Landscape Preferences

This interface was developed to understand current landscape values of the community in the Columbia Valley area using spatial analysis.

Instructions:

1. Assign a landscape value from the drop-down menu.
2. Click on the relevant hexagon/s on the map to indicate the corresponding location. Hexagons can be unassigned by clicking them again.
3. Select at least 10 hexagons and then the submit data button will appear.

Select a landscape value:

Climate change adaptation

Ready to submit 10 hexagons

Submit Data

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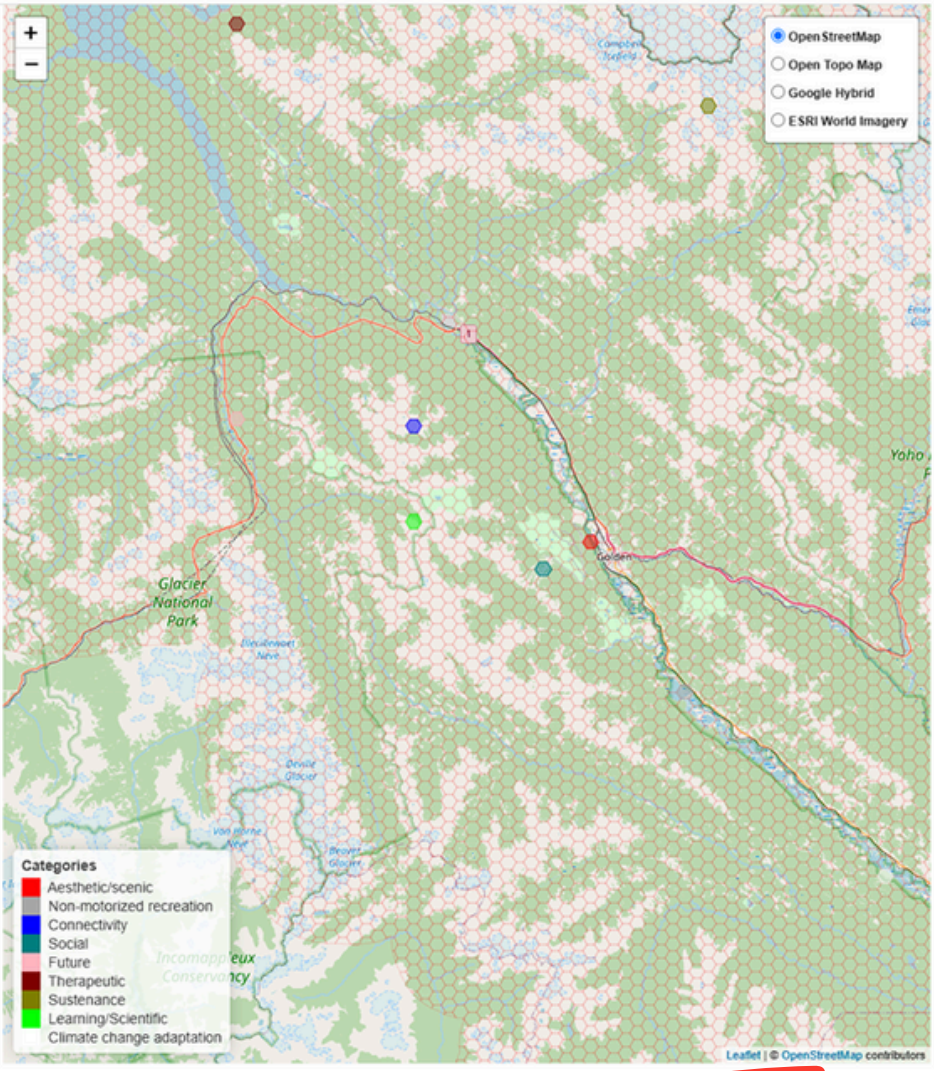
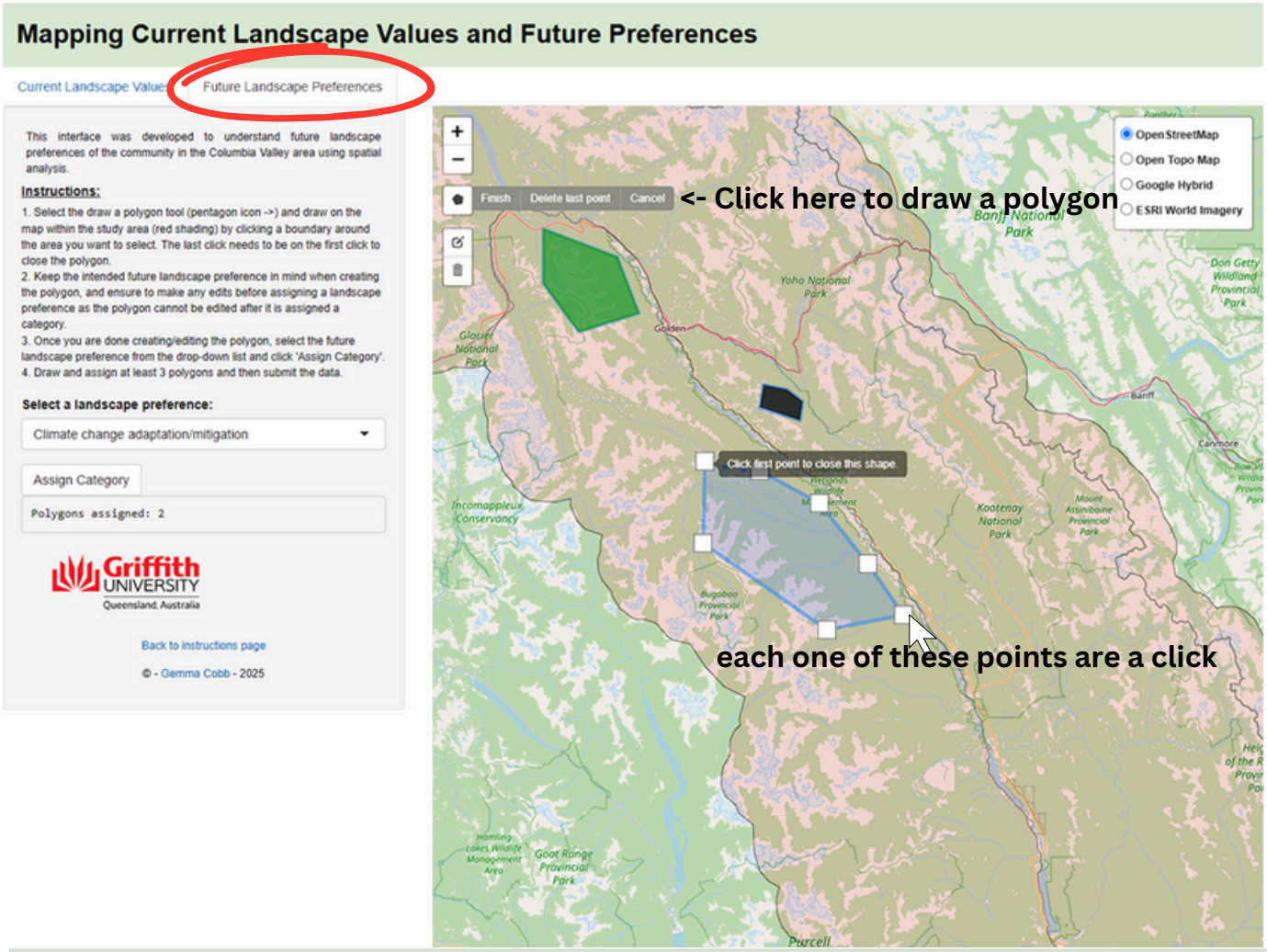
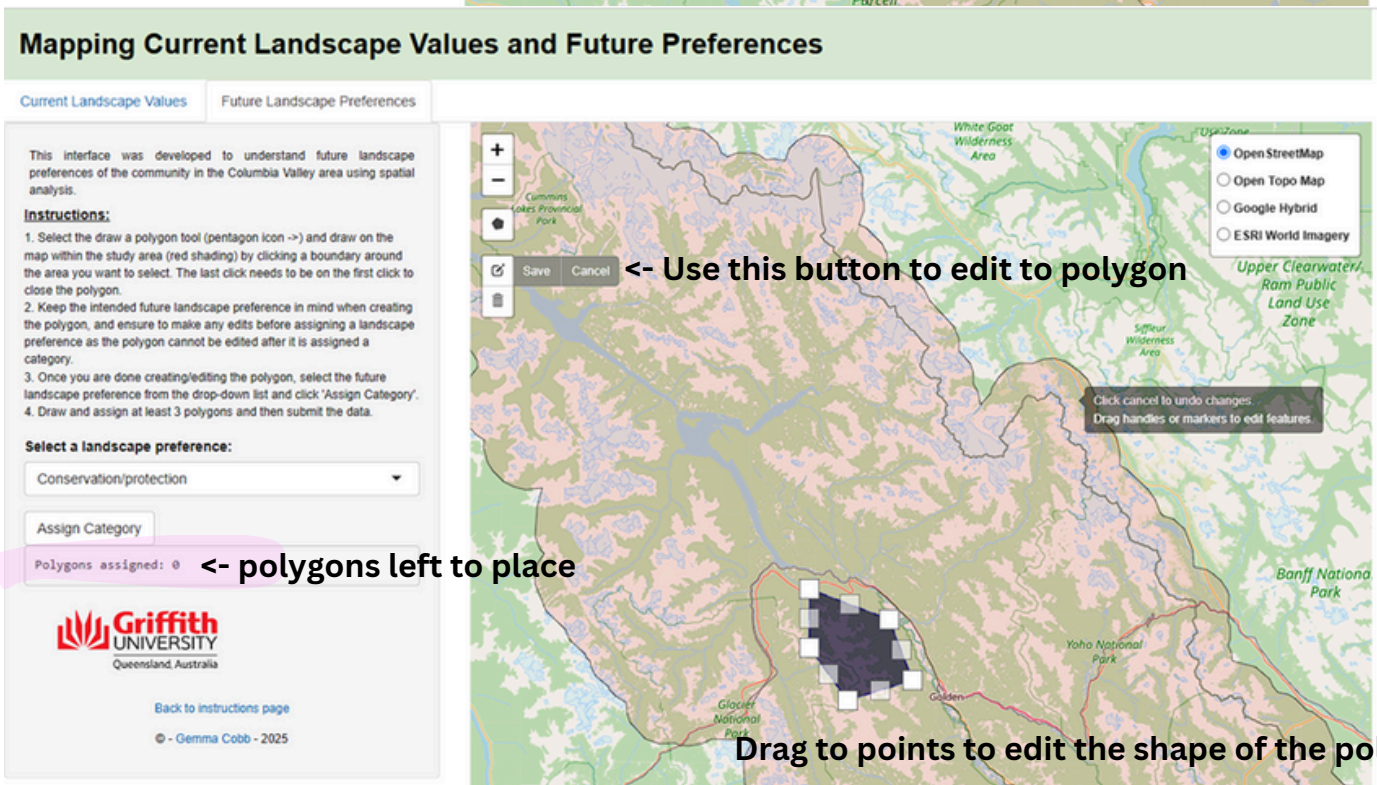


Move to next tab once this message appears ->

GeoPackage successfully uploaded to Google Drive. Please navigate to the Future Landscape Preferences tab to continue.

Tab 2: Landscape Preferences





Mapping Current Landscape Values and Future Preferences

Current Landscape Values | Future Landscape Preferences

This interface was developed to understand future landscape preferences of the community in the Columbia Valley area using spatial analysis.

Instructions:

1. Select the draw a polygon tool (pentagon icon ->) and draw on the map within the study area (red shading) by clicking a boundary around the area you want to select. The last click needs to be on the first click to close the polygon.
2. Keep the intended future landscape preference in mind when creating the polygon, and ensure to make any edits before assigning a landscape preference as the polygon cannot be edited after it is assigned a category.
3. Once you are done creating/editing the polygon, select the future landscape preference from the drop-down list and click 'Assign Category'.
4. Dra[illegible] and then submit the data.

Select a landscape preference:

Ecological Restoration

- Residential development
- Summer recreation
- Conservation/protection
- Industry/commercial development
- Ecological Restoration
- Winter recreation
- Climate change adaptation/mitigation

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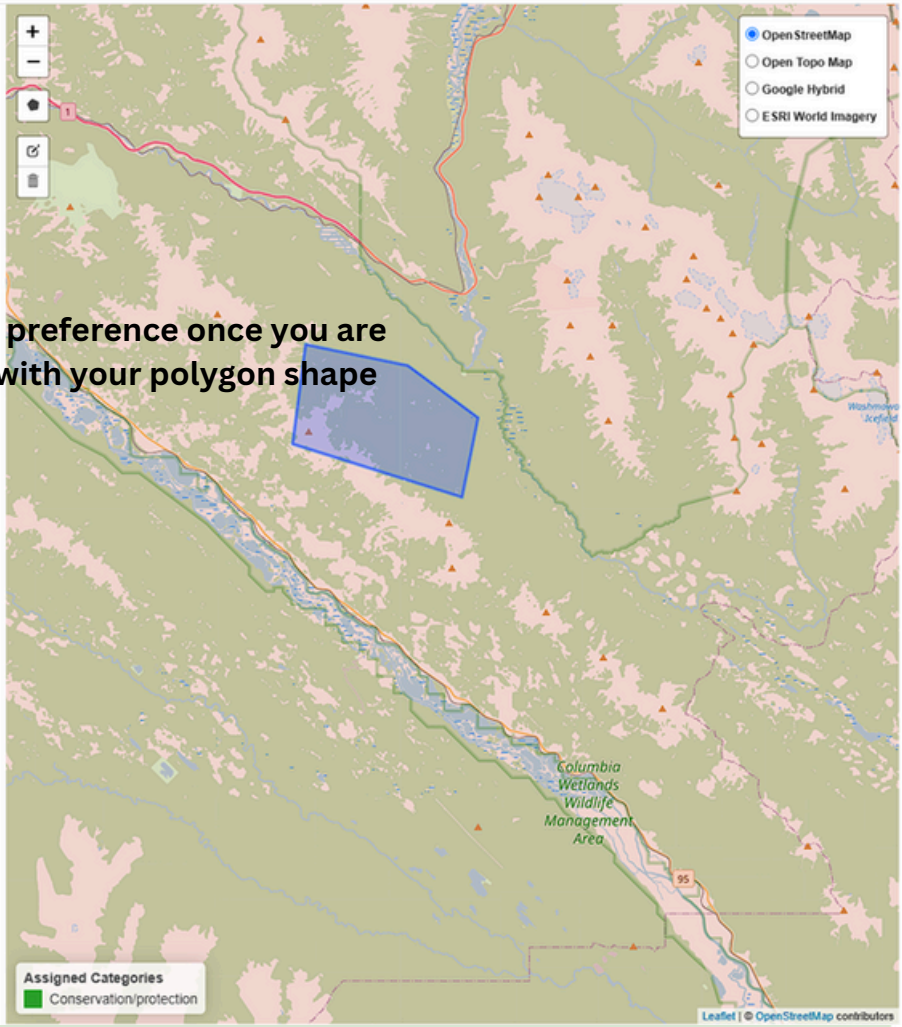
Assign a preference once you are happy with your polygon shape



Mapping Current Landscape Values and Future Preferences

Current Landscape Values | Future Landscape Preferences

This interface was developed to understand future landscape preferences of the community in the Columbia Valley area using spatial analysis.

Instructions:

1. Select the draw a polygon tool (pentagon icon ->) and draw on the map within the study area (red shading) by clicking a boundary around the area you want to select. The last click needs to be on the first click to close the polygon.
2. Keep the intended future landscape preference in mind when creating the polygon, and ensure to make any edits before assigning a landscape preference as the polygon cannot be edited after it is assigned a category.
3. Once you are done creating/editing the polygon, select the future landscape preference from the drop-down list and click 'Assign Category'.
4. Draw and assign at least 3 polygons and then submit the data.

Select a landscape preference:

Climate change adaptation/mitigation

Assign Category

Polygons assigned: 3

Data Submitted - Thank You

Click to enter prize draw

Submit data and enter prize draw

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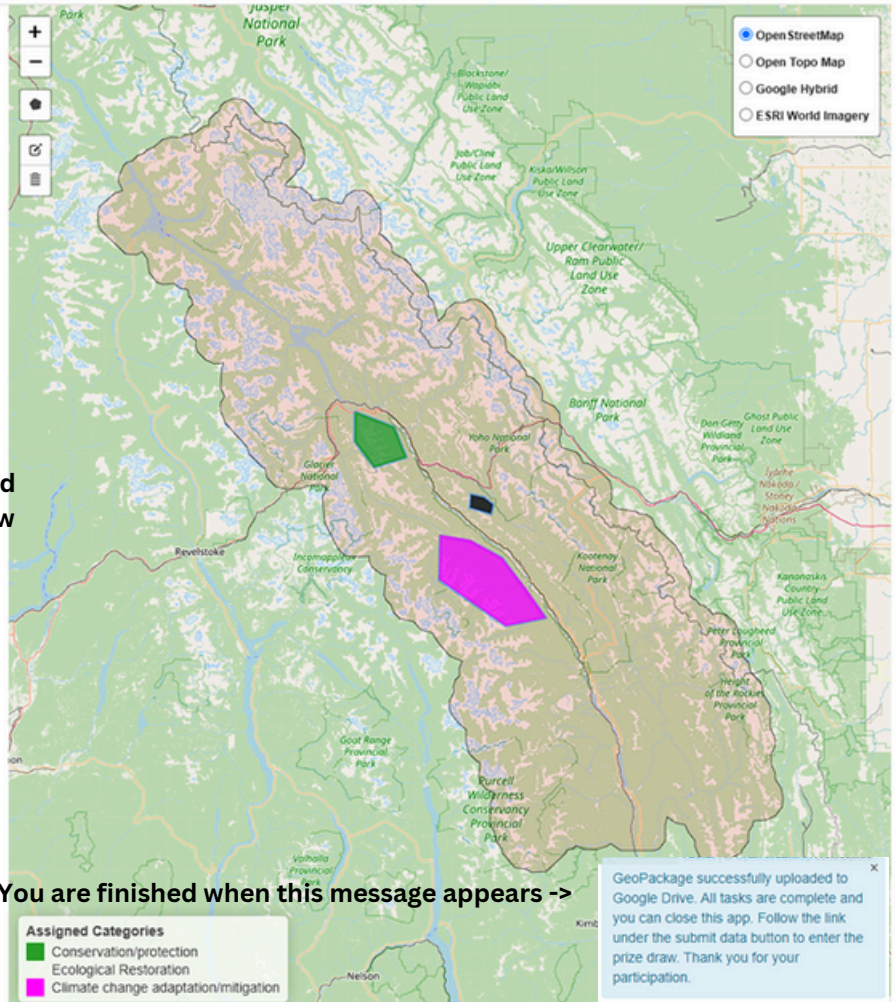

You are finished when this message appears ->

Landscape Values

Table 1. List of landscape values that have been adapted from prior studies.

Landscape Value	Operational Description	Used or adapted from
Aesthetic/scenic	These areas are valuable because they contain attractive scenery including sights, smells, and sounds	Kamari et al., 2018
Learning/Scientific	These areas are valuable because they provide places where we can learn about the environment through observation or study	Kamari et al., 2018
Water-based recreation	These areas are valuable because they provide opportunity for water-related recreational activities such as boating, fishing, kayaking, canoeing etc.,	Kamari et al., 2018
Life-sustaining	These areas are valuable because they help produce, preserve, clean, and renew air, soil, and water	Kamari et al., 2018
Biological diversity	These areas are valuable because they provide a variety of fish, wildlife, plants, or other living organisms	Kamari et al., 2018
Spiritual	These areas are valuable because they are sacred, religious, or spiritually special places or because I feel reverence and respect for nature here	Kamari et al., 2018
Intrinsic	These areas are valuable in their own right, no matter what I or others think about them	Kamari et al., 2018
Historic	These areas are valuable because they represent history, or provide places where people can continue to pass down memories, wisdom, traditions, or a way of life	Kamari et al., 2018
Future	These areas are valuable because they allow future generations to know and experience the area as it is now	Kamari et al., 2018
Social	These areas are valuable because they provide opportunities for social interaction	Kamari et al., 2018
Sustenance	These areas are valuable because it provides the necessary food and supplies to sustain my life	Brown & Reed 2000
Therapeutic	These areas are valuable because it makes me feel better physically, mentally, or emotionally	Brown & Reed 2000
Cultural	These areas are valuable because it is a place for me to continue and pass down the wisdom and knowledge, Traditions, and way of life of my ancestors.	Brown & Reed 2000

Table 2. List of example landscape values that have been created and added for the purpose of this study.

Landscape Value	Operational Description
Non-motorized recreation	These areas are valuable because they provide a place for my favourite non-motorized recreation activities
Motorized recreation	These areas are valuable because they provide a place for my favourite motorized recreation activities
Economic (tourism)	These areas are valuable because they provide tourism jobs and opportunities such as guiding and tours
Economic (non-tourism)	These areas are valuable because they provide timber, agriculture, minerals, etc., that provide jobs, work, and
Intactness & Ecological integrity	These places are valuable because they are natural or relatively untouched ecosystems by colonial human activity where predators, prey, and vegetation are in balance
Connectivity	These places are valuable because they provide the necessary wildlife corridor for fauna to move across the landscape safety
Climate change mitigation	These places are valuable because they support reducing the flow of heat-trapping greenhouse gases into the atmosphere that cause variable precipitation and temperature
Climate change adaptation	These places are valuable because they will be/are important for adjusting to and buffering from current or expected impacts of climate change
Other: _____	Please specify your own definition here

References

Brown, G., & Reed, P. (2000). Validation of a Forest Values Typology for Use in National Forest Planning. *Forest Science*, *46*(2), 240-247. https://doi.org/10.1093/forestscience/46.2.240

Karimi, A., & Hockings, M. (2018). A social-ecological approach to land-use conflict to inform regional and conservation planning and management. *LANDSCAPE ECOLOGY*, *33*(5), 691-710. https://doi.org/10.1007/s10980-018-0636-x