

Welcome to the SageCon Landscape Planning Tool

View, download and query the most up-to-date geospatial data on sagebrush habitat in Oregon

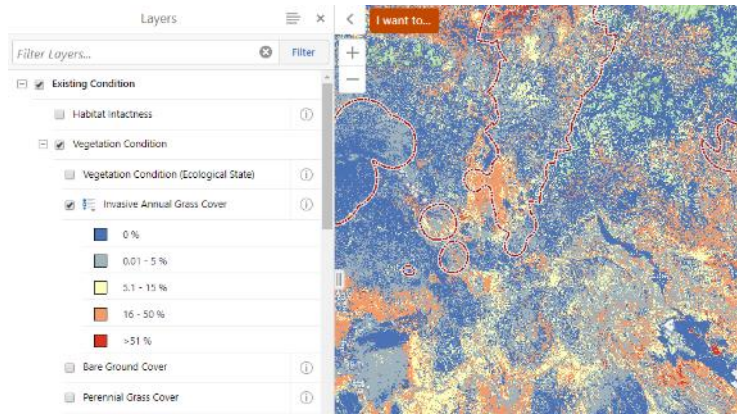


1.



[View Layers](#)

View data via interactive web map



Use the SageCon Landscape Planning Tool for:

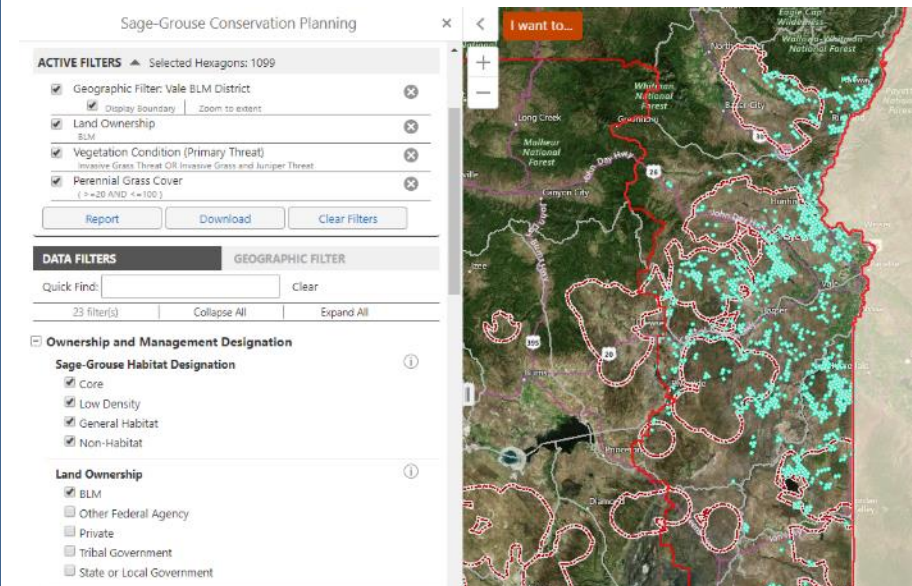
1. Viewing data in the interactive web map
2. Downloading data for desktop GIS analysis
3. Querying data layers in the web tool

3.



[Query Data](#)

Conduct a customized multi-criteria query



2.



[Download Data](#)

Download data

- ☐ Energy Development Exclusion Zones
- ☒ Existing Development Impacts
- ☐ Fire and Invasives Threat Theme Score
- ☐ Fire Locations 1992 to 2017
- ☒ Habitat Intactness
- ☐ Heat Load Index
- ☒ Invasive Annual Grass Cover
- ☐ Land Ownership and Management
- ☐ Landscape Cover of Sagebrush

Welcome to the SageCon Landscape Planning Tool

From the home screen, choose to view layers, download data, or query data



OREGON EXPLORER



SageCon Landscape Planning Tool

Find and download data

Search...



Home

The SageCon Landscape Planning Tool allows users to view, download and query the most up-to-date geospatial data on sagebrush habitat in Oregon.



To **view data**, click the Layers button. The data viewer contains over 30 datasets relevant to the sagebrush ecosystem and sage-grouse habitat in Oregon.



To **download data** for an area of interest, use the Download Data tool under the menu in the upper left corner of the map.



To **query data** through a web interface, use the Query Data tool under the menu. Specify the datasets you want to query and view the results in real time. When you have found your priority areas, download the shapefile and generate a report.

Click this link for [help and tips for navigating the site](#).



The Oregon SageCon Partnership has developed a suite of tools and resources for partners planning activities in sagebrush habitat in Oregon, accessible from the SageCon Tools Navigator.

This tool incorporates numerous data layers designed to offer guidance about sage-grouse habitat condition and threats within a landscape. Data are provided as-is, and the entities in the SageCon Partnership are not liable for use of the data.

I want to...

View Map Layers

View data layers and legends

Download Data

Download layers for a specific area.

Query Data

Create a customized query to identify priority areas

View the home panel

View information about this application.

Access functions through the **I want to...** menu or the Home panel buttons

Access this help document

Find other tools and resources from the SageCon Tools Navigator

Switch between panels using tabs in the lower left

Open the tool bar for more options

To navigate, pan with the mouse and click the zoom in/out buttons in the upper left map corner

Tools



Zoom in/out map extent

Set the initial map position and zoom level

Bookmark current map extent

Add the current map extent to the list of bookmarks

Create a PDF Map

Help

View a pdf with help and tips for navigating the site



Google

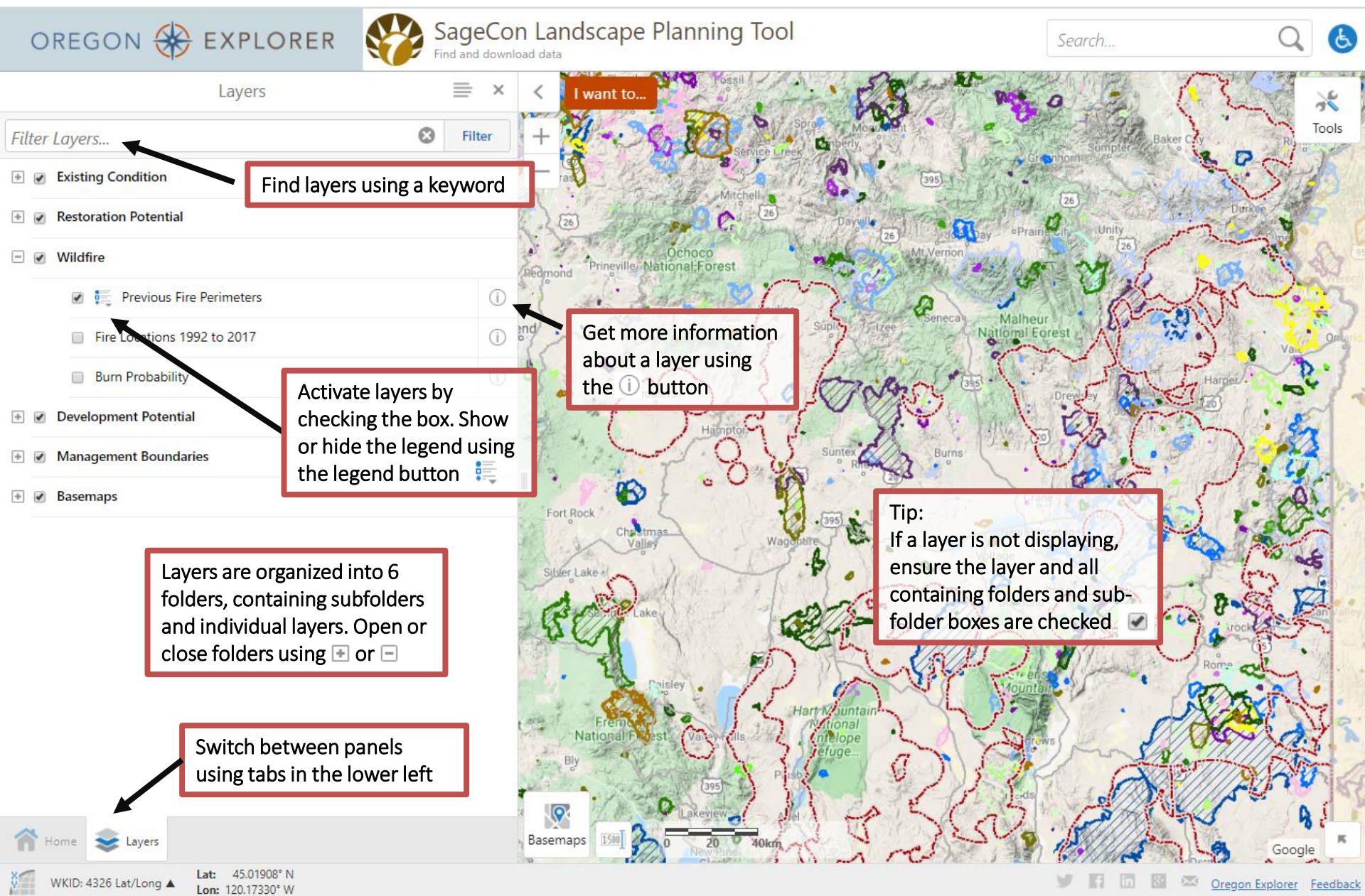


WKID: 4326 Lat/Long

Lat: 44.21754° N
Lon: 120.94234° W

Choose layers to display and navigate across the landscape

Choose layers to display and navigate across the landscape



2. Download data

Download one or more data layers for desktop GIS analysis



OREGON EXPLORER SageCon Landscape Planning Tool Find and download data

Search...

Step 2: Select layer(s)

Select layers to extract.

Filter results

Select All Select None

- ☐ Existing Condition\Habitat Intactness
- ☐ Existing Condition\Vegetation Condition (Ecological State)
- ☒ Existing Condition\Invasive Annual Grass Cover
- ☐ Existing Condition\Bare Ground Cover
- ☒ Existing Condition\Perennial Grass Cover
- ☐ Existing Condition\Sagebrush Cover
- ☐ Existing Condition\Tree Cover
- ☐ Existing Condition\Landscape Cover of Sagebrush
- ☐ Existing Condition\Existing Development Impacts
- ☐ Existing Condition\Sage-Grouse Spring Habitat
- ☒ Existing Condition\Sage-Grouse Summer Habitat
- ☐ Existing Condition\Sage-Grouse Winter Habitat
- ☐ Restoration Potential\Restoration Uplift Potential
- ☐ Restoration Potential\BLM Restoration Priority Geographic Areas
- ☐ Restoration Potential\BLM Conservation Priority Geographic Areas
- ☒ Restoration Potential\Fire and Invasives Threat Theme Score
- ☐ Restoration Potential\Biodiversity Significance Theme Score
- ☐ Restoration Potential\Connectivity Barriers
- ☐ Restoration Potential\Connectivity Pinchpoints
- ☐ Restoration Potential\Connectivity Linkages
- ☒ Wildfire\Burn Probability
- ☐ Wildfire\Fire Loss History 1993 to 2017

Steps for downloading data:

1. Delineate the area of interest. Zoom out and click to select the full extent, if desired.
2. Choose the layer(s). You can download as many or as few layers as you want.
3. Choose the format and projection. Use default values if you have no preference.
4. Enter your e-mail address. A link to download layer(s) will be sent to your e-mail. Check your spam folder if it is not delivered.

Note:
Individual layers can also be downloaded through the button to the right of the layer name when in the Layers panel

Switch between panels using tabs in the lower left

Home Layers Step 2: Select layer(s) Basemaps

WKID: 4326 Lat/Long Lat: 43.67074° N Lon: 121.30489° W

0 20 40km

Google

Oregon Explorer Feedback

3. Customized web-based query

Choose the layers and query criteria for a customized landscape query



OREGON EXPLORER SageCon Landscape Planning Tool

Find and download data

Search...

Sage-Grouse Conservation Planning

☒ SHOW OR HIDE HEXAGON LAYER

EXAMPLE QUERIES

- [Sage-grouse habitat with invasive grass and remaining sagebrush cover](#)
- [Vale BLM District with riparian and riparian understory](#)
- [Juniper removal](#)

ACTIVE FILTERS

No filters currently in use.

DATA FILTERS **GEOGRAPHIC FILTER**

Quick Find: Clear

23 filter(s) Collapse All Expand All

- ☒ Ownership and Management Designation
- ☒ Existing Condition
- ☒ Restoration Potential
- ☒ Energy Development Potential

Solar Energy Development Potential

Select ☐

Wind Energy Development Potential

Select ☐

Energy Development Potential

Select ☒

Select ☒

Select ☒

Tour the customized query features

The Query Data Tool allows you to easily construct a customized, web-based query by filtering values of multiple data layers. The tool queries hexagons (1 square mile in size) across the sagebrush landscape in Oregon (displayed in blue over the map). As filters are applied, hexagons are removed from the selection to identify areas of interest. Click the Next button to continue through this 6-step tutorial.

[Don't Show Again](#) [Next](#)

Walk through the steps of the query tutorial

Filters can be applied in two ways:

1. **DATA FILTERS (left):** query datasets based on user-defined thresholds
2. **GEOGRAPHIC FILTER (right):** Restrict query to a defined geography

Example queries for management questions of interest can be viewed and modified

They query tool allows the user to conduct a customized query using the web platform. Data layers have been summarized to 1-square-mile hexagons, and query selections are shown in aqua color. All hexagons will be selected to start; use filters to narrow your area of interest.

Home Layers Sage-Grouse Conserv...

Basemaps

0 20 40km

Google

WKID: 4326 Lat/Long ▲ Lat: 43.03967° N Lon: 119.58004° W

Oregon Explorer Feedback

3. Customized web-based query

Choose the layers and query criteria to identify areas (1 square mile hexagons) of interest



OREGON EXPLORER SageCon Landscape Planning Tool Find and download data

Search...

Sage-Grouse Conservation Planning

☒ **SHOW OR HIDE HEXAGON LAYER**

EXAMPLE QUERIES

ACTIVE FILTERS Selected Hexagons: 1099

- ☒ Geographic Filter: Vale BLM District
 - ☒ Display Boundary
 - ☐ Zoom to extent
- ☒ Land Ownership: BLM
- ☒ Vegetation Condition (Primary Threat): Invasive Grass Threat OR Invasive Grass and Juniper Threat
- ☒ Perennial Grass Cover (>=20 AND <=100)

[Report](#) [Download](#) [Clear Filters](#)

DATA FILTERS **GEOGRAPHIC FILTER**

Quick Find: [Clear](#)

23 filter(s) [Collapse All](#) [Expand All](#)

☒ **Ownership and Management Designation**

Sage-Grouse Habitat Designation

- ☒ Core
- ☒ Low Density
- ☒ General Habitat
- ☒ Non-Habitat

Land Ownership

- ☒ BLM
- ☐ Other Federal Agency
- ☐ Private
- ☐ Tribal Government
- ☐ State or Local Government

[Home](#) [Layers](#) [Sage-Grouse Conserv...](#) [Basemaps](#) [Scale](#) [0 20 40km](#) [Google](#)

WKID: 4326 Lat/Long **Lat:** 42.31878° N **Lon:** 120.49804° W

[Oregon Explorer](#) [Feedback](#)

Annotations:

- Check this box to select or de-select the queried hexagons (e.g., de-select box to view data layers underneath)
- The Active Filters section shows your current query layers and criteria. Click ☒ to remove a selection
- Once your query is complete, view a report and download the shapefile of the selected areas
- To restrict the geographic extent of your query, use the GEOGRAPHIC FILTER section.
- To query data, check boxes or move sliders to adjust the range of values under the DATA FILTERS section. Query will update in real time in the map.
- The hexagons highlighted in aqua show areas identified in your query
- Switch between panels using tabs in the lower left

SageCon Landscape Planning Tool

View, download and query the most up-to-date geospatial data on sagebrush habitat in Oregon



Access the SageCon Landscape Planning Tool here: https://tools.oregonexplorer.info/OE_HtmlViewer/index.html?viewer=sagegrouse

This tool is intended to provide geospatial data to aid in coordinated, cross-ownership planning at landscape scales in the rangelands of southeastern Oregon. Data can be viewed through the interactive map and downloaded for desktop analyses through the **Data Download** tool. The **Query Data** tool allows users to identify areas of interest for restoration, conservation or other purposes by allowing a customized query of layers related to ownership/management designation, existing condition, restoration potential, and energy development potential. These datasets have been summarized to 1 square mile hexagons, making web-based queries quick and efficient. This tool is most useful for planning at a broad, landscape scale. Once potential areas of interest have been identified, site specific data and on-the-ground knowledge will be essential for project planning.

Troubleshooting:

If you encounter an error or problem with the tool, try these things in this order: 1) reload the tool, 2) clear your browser cache and reload the tool, 3) contact the Oregon Explorer help at virtualoregon.support@oregonstate.edu with the name of the tool, a description of the problem, and a screenshot of the issue or error.

Disclaimer:

The SageCon Landscape Planning Tool incorporates numerous data layers designed to offer guidance about sagebrush habitat condition and threats within a landscape context. Data layers contain errors and vary in their accuracy and appropriate scales for use, and should not replace on-the-ground siting decisions. Data are provided as-is, and the entities in the SageCon Partnership are not liable for data errors or improper use of the data.



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