



ENTERPRISE
information services



Open Spatial Data on ArcGIS Online

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GPL Monthly Meeting

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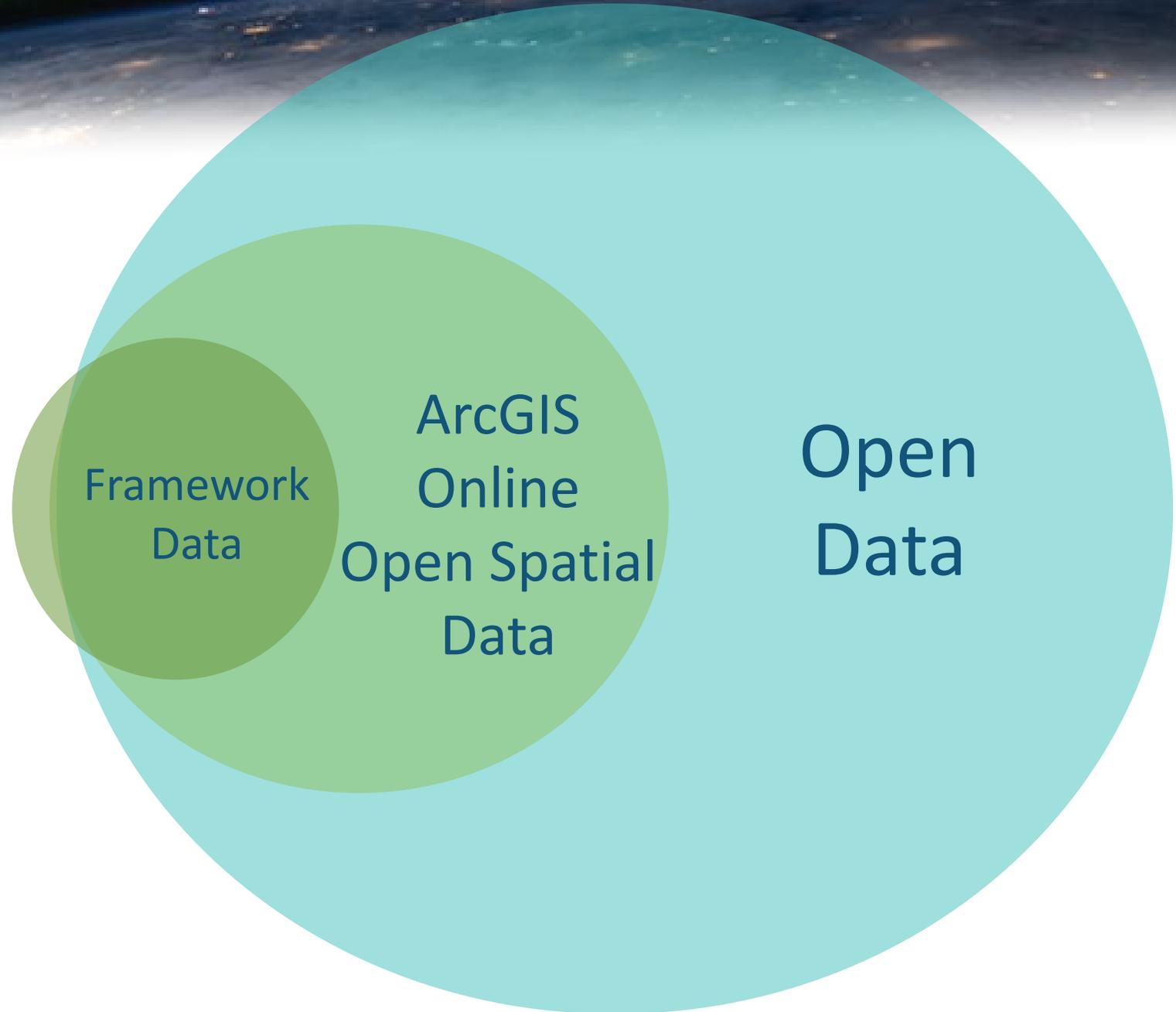
Agenda

- ▶ What is Open Data?
- ▶ Where do you find Open Data?
- ▶ How can you share your spatial data as Open Data?
- ▶ Example
- ▶ Conclusion
- ▶ Reference Links





Spatial Data is a big part of Open Data





Oregon's Open Data Pathways

- ▶ **Oregon Transparency** <https://www.oregon.gov/transparency>
 - Curated and organized by specific topics about state government

- ▶ **Oregon Open Data** <https://data.oregon.gov>
 - Mostly non-spatial data from state agencies
 - **Agencies: 82** **Users: 1,287** **Public Content: 1,990**
 - *Agency Open Data Coordinator*

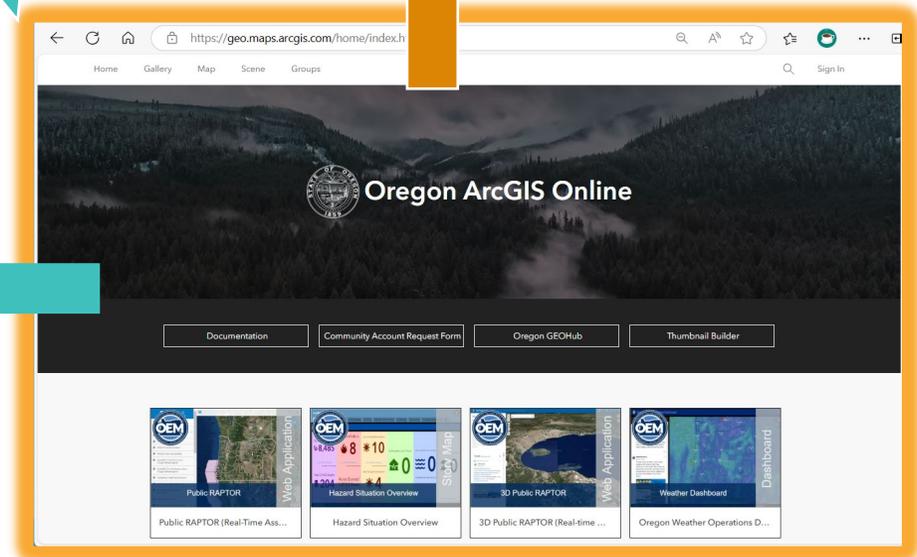
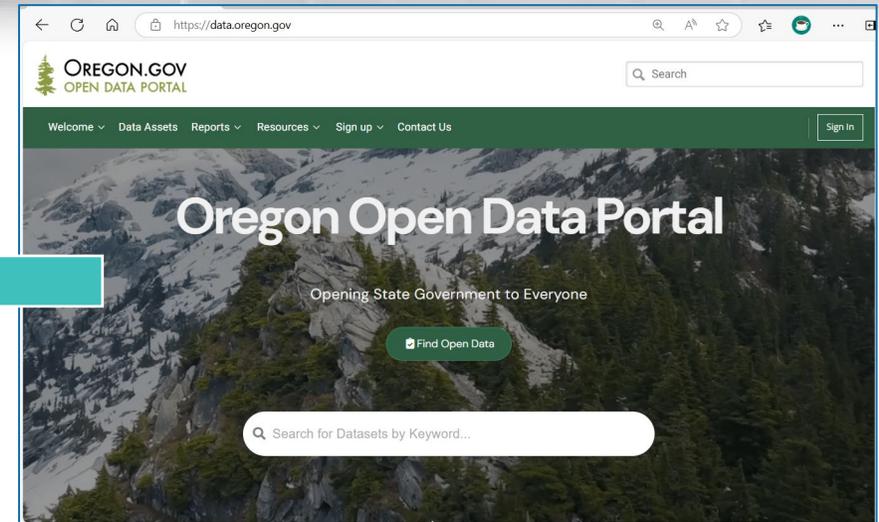
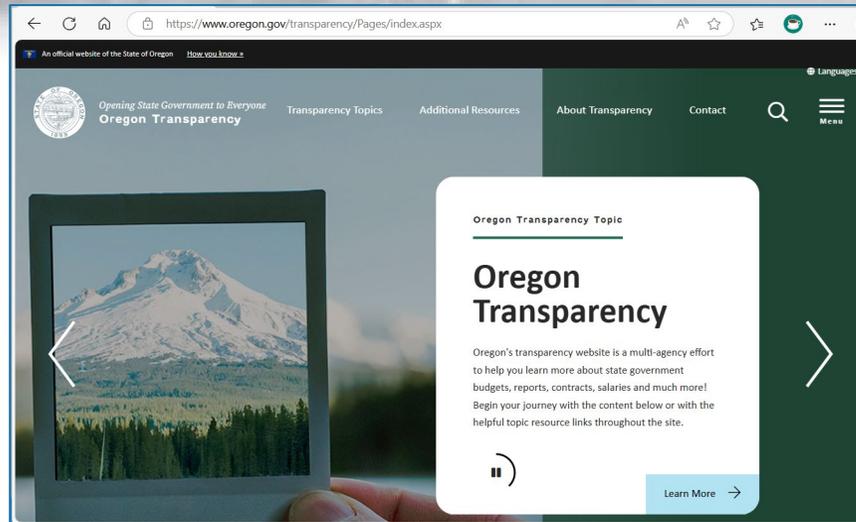
- ▶ **Oregon ArcGIS Online** <https://geo.maps.arcgis.com/>
 - Mostly spatial data from state agencies
 - **Agencies: 36** **Users: 2,663** **Public Content: 12,192**
 - *Agency GIS Coordinator*

- ▶ **Oregon GEOHub** <https://geohub.oregon.gov>
 - Specific spatial data from the Framework Program





Oregon's Open Data Pathways

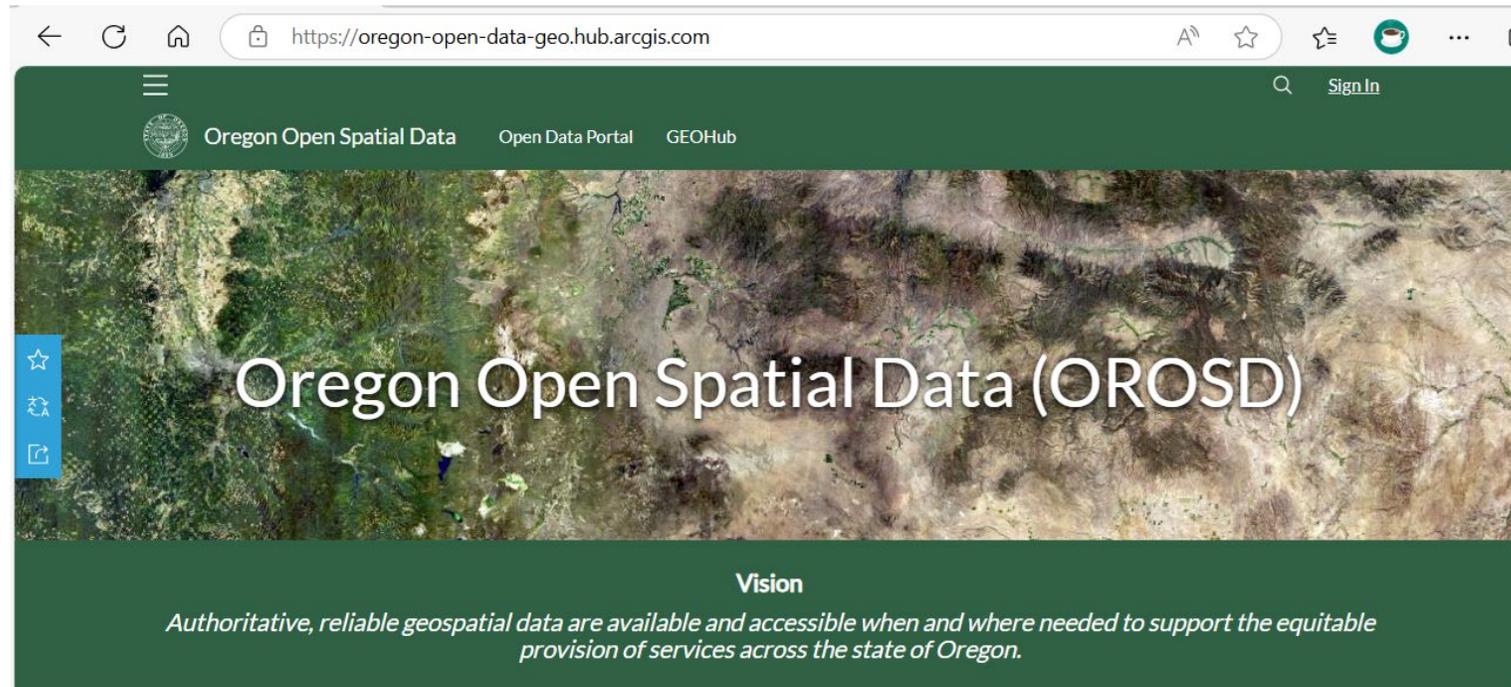




Oregon's Open Data Pathways

▶ Oregon Open Spatial Data

<https://oregon-open-data-geo.hub.arcgis.com>





Share Your Spatial Data as Open Data – It's Easy!

- ▶ Identify your content for Open Data.
 - Work with your agency Open Data and GIS Coordinators.*
- ▶ Get your data ready for Open Data.
 - You do NOT have to create or publish duplicate data.
- ▶ Add it to the ArcGIS Online Open Data group and it will connect with Oregon Open Data.
- ▶ Don't forget to include it in your next annual agency Data Inventory report!





Get Your Spatial Data Ready for Open Data

- ▶ Public
- ▶ Authoritative
 - Original Source
- ▶ Metadata
 - Essential Metadata
- ▶ Tags
 - Make your data discoverable!

Sharing Edit

Everyone (public)

Feature layer (hosted) | Authoritative

Edit metadata

Essential metadata

Item Description

Title*

Required. A clear title conveys the topic, location, and date when relevant. Title should not exceed 256 characters.

Summary (Purpose)*

Required. A short yet descriptive summary displays when content is shared. Include keywords different from those in your title to increase discoverability. Summary (Purpose) should not exceed 2048 characters.

Thumbnail





Example - ArcGIS Online Content

The screenshot shows the ArcGIS Online interface for a webFACILITY item. The browser address bar displays the URL: <https://geo.maps.arcgis.com/home/item.html?id=d4e5bf8083b746fb9e301cec13b9870b>. The navigation menu includes Home, Gallery, Map, Scene, Notebooks, Groups, Content, and Organization. The user profile for Tom Elder (tom.elder) is visible in the top right. The main content area is titled 'webFACILITY' and has tabs for Overview, Data, Visualization, Usage, and Settings. The Overview tab is active, showing a map thumbnail of Oregon with red dots representing facilities. The title is 'Long-Term care facilities including nursing homes, residential treatment facilities, community-based facilities, and adult foster homes. Updated Wed Mar 19 2025 10:50'. It is identified as a 'Feature layer (hosted)' and is 'Authoritative'. The item was updated on Feb 5, 2026. A description section is expanded, stating: 'This map is used in the ODHS Long Term Care Facility Search tool. https://ltclicensing.oregon.gov/Facilities'. A layers section is also visible at the bottom. On the right side, there is a vertical toolbar with buttons for 'Open in Map Viewer', 'Open in Scene Viewer', 'Share', 'Open in ArcGIS Pro', 'Publish', 'Create view layer', 'Export data', 'Update data', 'Edit metadata', and 'Add to favorites'. The owner is listed as Tom Elder with an edit option.





Example – ArcGIS Online Group

ArcGIS Online Open Data Group

Group designations

Open data

Allow this group to be accessed in Open Data sites.

https://geo.maps.arcgis.com/home/group.html?id=9ea670b278634ae38307ae7632e05b50

Home Gallery Map Scene Notebooks Groups Content Organization

Open Data Overview Content Members Settings

Open Data from Oregon ArcGIS Online

Description

Recently added content

View all content (7)

MetadataTestService

Oregon's Disasters

AlertWest Oregon Cameras

Number of group members: 8

Date created: Jan 29, 2015

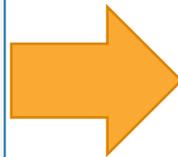
Viewable by: Everyone (public)

Contributors: All group members

Members list: Visible to all group members

Share with others

Tags: Open Data



Open Data ArcGIS Connector

https://data.oregon.gov/admin/connectors/21214/edit

data.oregon.gov Search

Administration > Connectors

Edit Connector

OROSD: Data.JSON URL (ArcGIS Open Data, CKAN, etc.)

<https://oregon-open-data-geo.hub.arcgis.com/data.json>

< Back to connector list

Synchronization Policy

Connect all assets Connect a subset of assets

Search the domain

Select All Clear Selections

- AlertWest Oregon Cameras
- Evacuation Areas Public
- MetadataTestService
- Oregon Open Data
- Oregon's Disasters
- Primary PSAPs
- webFACILITY





Example - Open Data Search

Shown as Federated External Dataset



Navigation: Administration > Assets

Search: webFACILITY [Clear all x]

Type	Name	Actions	Last updated	Category	Owner	Audience
	webFACILITY This map is used for this web feature layer hosted...		December 22, 2025		Oregon Framework	Public





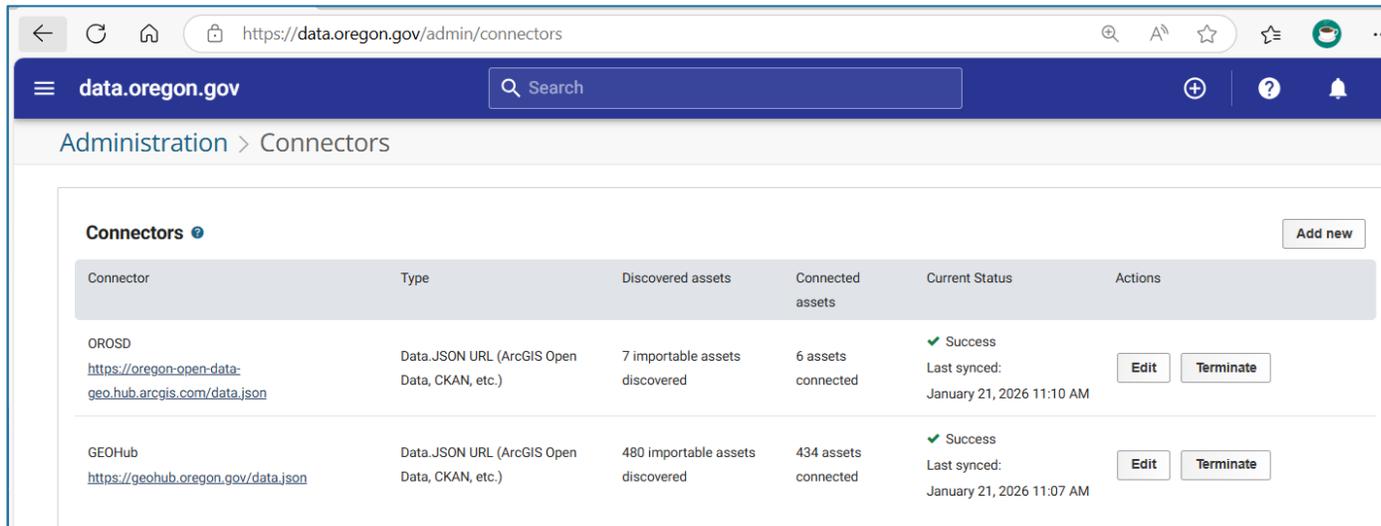
Example - Open Data Asset

The screenshot shows a web browser window with the URL https://data.oregon.gov/dataset/webFACILITY/hqrg-m9bp/about_data. The page header includes the 'data.oregon.gov' logo, a search bar, and navigation icons. The main content area is titled 'webFACILITY' and is marked as 'Public'. It features an 'About' tab and an 'Actions' dropdown menu. The 'About' section contains the following text: 'webFACILITY', 'This map is used for this web feature layer hosted on ArcGIS Online.', and a link to the ArcGIS Online feature server: <https://services.arcgis.com/uUvqNMGPm7axC2dD/arcgis/rest/services/webFACILITY/FeatureServer/0>. A 'Last Updated' date of 'December 22, 2025' is also displayed. Below this is a 'Featured Content Using this Data' section with a 'Manage Featured Content' button. At the bottom, the 'Access this Data' section provides download options for 'ArcGIS Hub Dataset' (TEXT/HTML) and 'ArcGIS GeoService' (APPLICATION/JSON).



Behind the Scenes

- ▶ ArcGIS Online content
- ▶ ArcGIS Online Open Data Hub site → DCAT Feed
`https://oregon-open-data-geo.hub.arcgis.com/data.js`
- ▶ Open Data ArcGIS Online Connectors



The screenshot shows the 'Connectors' administration page in ArcGIS Online. The page title is 'Administration > Connectors'. It features a table with columns for Connector, Type, Discovered assets, Connected assets, Current Status, and Actions. Two connectors are listed: OROSD and GEOHub. Both are in a 'Success' status and were last synced on January 21, 2026. The OROSD connector has 7 importable assets discovered and 6 assets connected. The GEOHub connector has 480 importable assets discovered and 434 assets connected. Each connector row includes 'Edit' and 'Terminate' buttons.

Connector	Type	Discovered assets	Connected assets	Current Status	Actions
OROSD https://oregon-open-data-geo.hub.arcgis.com/data.json	Data.JSON URL (ArcGIS Open Data, CKAN, etc.)	7 importable assets discovered	6 assets connected	✓ Success Last synced: January 21, 2026 11:10 AM	Edit Terminate
GEOHub https://geohub.oregon.gov/data.json	Data.JSON URL (ArcGIS Open Data, CKAN, etc.)	480 importable assets discovered	434 assets connected	✓ Success Last synced: January 21, 2026 11:07 AM	Edit Terminate





Conclusion

- ▶ There is a lot of *non-Framework* spatial data on Oregon ArcGIS Online that could possibly also be Open Data.
 - 160 items have already been identified as public and authoritative
- ▶ It's easy to link spatial data with Open Data.
- ▶ Does not duplicate data or effort. Linked – Not copied.
- ▶ You can reach a wider audience with your spatial data by including it as Open Data.
- ▶ Your annual agency Data Inventory reports will be more complete and comprehensive by including spatial data too!





Resources

- ▶ **Data Governance and Transparency**

<https://www.oregon.gov/eis/data-governance-and-transparency>

- ▶ **Open Technical Standards Manual**

<https://data.oregon.gov/download/8ms8-97hr/application/pdf>

- ▶ **Open Data Service Catalog**

<https://data.oregon.gov/stories/s/53ij-4hwu>

- ▶ **ArcGIS Online and Open Data**

<https://doc.arcgis.com/en/hub/content/federate-data-with-external-catalogs.htm>





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