

Landscape Approach Data Portal User's Guide

Contents

How do I access the LADP?	1
Which Landscape Approach Initiatives are available?	2
Which content types are available?	2
Tips for searching the LADP	3
How do I use AK Citrix to access ArcGIS Desktop or REA files?	4

How do I access the LADP?

- Go to <https://landscape.blm.gov/geoportal/catalog/main/portal.page>
- Try a Google search on: BLM Data Portal
- Click the image below
- Don't forget to read and acknowledge the Data Disclaimer
- Use **Ctrl D** to bookmark this page or the REA page in Chrome

The screenshot shows a web browser window with multiple tabs open. The active tab is the Landscape Approach Data Portal. The browser's address bar shows the URL <https://landscape.blm.gov/geoportal/catalog/main/home.page>. The website header features the BLM logo, the title "Landscape Approach Data Portal", and the subtitle "Data, Maps, and Models from BLM's Landscape Approach Initiatives". A navigation menu includes links for Home, Search All, Browse All, AIM, BLM National Data, FIAT, Greater Sage-Grouse, IRFMS, REAs, and How To. The main content area displays the "Data Disclaimer" section, which includes a "Read the following information then click the button at the bottom of the page to enter the Data Portal" instruction. The disclaimer is divided into three parts: "Access Constraints" (stating data is public domain), "Use Constraints" (warning of errors and omissions), and "Distributor Liability" (warning of misrepresentation).

Data Disclaimer
Read the following information then click the button at the bottom of the page to enter the Data Portal

Access Constraints
None, these data are considered public domain.

Use Constraints
These data are provided by Bureau of Land Management (BLM) as is and might contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use.

The information contained in these data is dynamic and may change over time. The data are not better than the sources from which they were derived, and both scale and accuracy may vary across the data set. These data might not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office from which it was obtained.

The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This data may be updated by the BLM without notification.

Distributor Liability

Which Landscape Approach Initiatives are available?

- Assessment, Inventory, and Monitoring (AIM) Strategy
- BLM National Data
- Fire and Invasives Assessment Tool (FIAT) Program
- Greater Sage-grouse
- Integrated Rangeland Fire Management Strategy Geospatial Framework (IRFMS)
- **Rapid Ecoregional Assessments (REAs)**



Check out the news too!

Which content types are available – data, documents, models, and tools?

Five content types are generally available for the different initiatives: downloadable data, map services, models, documents, static maps, and in some cases – web tools. The table below describes each type of content and includes information on file format and the software applications that can be used to access content.

Content Type	Description	Format/Access
Downloadable Data 	Data can be downloaded directly from the data portal. (Click on Download or Website.)	Data download packages are packaged as either a layer package file (.lpx) or zipped file (.zip). Each layer package contains a data set, metadata, and a layer file with symbology information to display the data set. Save and unpack (in Arc Catalog) or unzip (in Windows Explorer) the package.
Map Services 	Map services can be viewed directly from within the data portal using ArcGIS.com (Click Add to Map) or using a Map Service (Click Open).	ArcGIS.com: click on the ArcGIS.com hyperlink to view a map service online. In ArcGIS.com, you can interact with REA data, add additional data, and create a customized map. You do not need any GIS software to use ArcGIS.com but you will need Internet access. Map Services: If you would like to view a map service, Click on the Open hyperlink. You will be directed to a services directory from which you can elect to view a map in ArcMap, ArcGIS Explorer, or Google Earth. You must have these applications installed first.
Models 	All non-proprietary geoprocessing models used in REAs are available for download from the data portal.	Models are formatted as zipped (.zip) files that may contain ArcGIS toolbox models (.tbx), Python scripts (.py), and supporting documentation. In order to view ArcGIS tools and toolboxes, you will need to use ArcGIS or ArcCatalog. **Some models are available in DRAFT format to be used as a reference for the geoprocessing methods used in the REAs The models have not yet been

		tested on BLM systems so may not be fully functioning tools.
Documents 	Documents include reports, memos, and technical appendices. Click on Open to download.	Documents are formatted as either Adobe Portable Document Format (.pdf) or as zipped (.zip) files.
Static Maps 	Static maps are map images. Click on Open to download.	Static maps are downloaded in .pdf or .zip format.
Web Tools 	Interactive maps, viewers, and web based tools	Online access – no downloads.

Tips for searching the portal

Find products quickly by using the tips outlined below! Each blue dot in the screen shot below indicates a useful search function or feature. Read the corresponding tips below.

1

Text:
Example: nwp AND sage grouse

2

FILTER CONTENT TYPE
Live Map Services

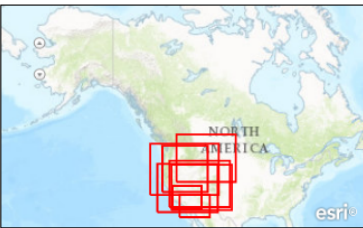
3

Advanced Search

4

Records shown from: This Site
Click here to select different site or configure search.
This Site
Select sites where the search will be distributed
You may select up to 5 sites.
☒ This Site
☐ ArcGIS.com
☐ Data.gov
☐ USGS ScienceBase

5

WHERE
☒ Anywhere ☐ Intersecting ☐ Fully within


6

Downloadable Data Document Model Live Map Service Static Map
Results 1-10 of 10 record(s)
Expand results Zoom To Results Zoom To Searched Area
BLM REA CBR 2010 Terrestrial Species Mammals Status - Desert Bighorn Sheep
mammal species, this map shows their current and near-term status within the ecoregion. Current, long-term, and summary bioclimate data is also included for several of these mammal species. The input datasets used in the distribution model are also include...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA COP 2010 Colorado Plateau (COP) Distribution of Desert Bighorn Sheep
This map shows the potential current distribution of desert bighorn sheep, in the context of current and near-term terrestrial intactness and long-term potential for climate change and energy development. These data are provided by Bureau of Land Manage...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA COP 2014 UCS COP Terrestrial Intactness 180711 Desert Bighorn Sheep
This map contains: Terrestrial Intactness results for the State of Utah and the Colorado Plateau Ecoregion. 1 km resolution Terrestrial Species Intactness results clipped to 15 different...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA MAR 2012 Madrean Terrestrial Intactness
Ecological Status Assessment - full for the Land Management (BLM) "as is" and may c...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA MBR 2010 Habitat Restoration Potential
Potential & preliminary habitat restoration. These data are provided by Bureau of Land Management...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA MBR 2010 Terrestrial Intactness
In addition to current distribution of each n... long-term, and summary bioclimate data i...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA MIR 2011 Bighorn Sheep
This data set is comprised of a sum of input data are provided by Bureau of Land Management...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA NGB 2011 Cumulative Intactness
Cumulative score ranking the key ecologic... These data are provided by Bureau of Land Management...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA NGB 2011 Domestic Sheep Grazing Allotments
Grazing Allotments used for Domestic Sheep (BLM) "as is" and may contain errors or omissions...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To
BLM REA SOD 2010 TS 180711
This map shows the current predicted distribution of desert bighorn sheep...
Open Preview Globe (.kml) ArcGIS (.nmf) ArcGIS (.lyr) Add To Map Details Metadata Zoom To

3a

Advanced Search
DATA CATEGORY
☐ Administrative and Political Boundaries
☐ Agriculture and Farming
☐ Atmosphere and Climatic
☐ Biology and Ecology
☐ Business and Economic
☐ Cadastral
☐ Cultural, Society and Demography
☐ Elevation and Derived Products
☐ Environment and Conservation
☐ Facilities and Structures
MODIFIED DATE
Start date: (yyyy-mm-dd)
End date: (yyyy-mm-dd)
SORT BY
Title

1 Text Search	Tips																		
Use keyword combinations to search for content. - You can use the 3-letter codes for REAs or the full name. (CBR, CHD, COP & [UCS COP], CYR, MAR, MBR, MIR, NGB, NOS, SGP, SNK, SOD, WYB, YKL). - Use the word OR to search for content that includes either of the keywords. This is the default operator if there is no operator between keywords. - Use the word AND to search for records that include 2 or more keywords. - Use the word NOT to exclude content that contains the keyword(s) after NOT. - Use “ ” to enclose keyword phrases to search. - Grouped Sub queries can be created using parentheses (). - Keywords are not case-sensitive but operators (AND, OR, NOT) are case-sensitive. - Use the wildcard (*) to search for 0 or more characters within single keywords.	<table> <tr> <th>Search String</th><th>Resulting records will contain</th></tr> <tr> <td>bird</td><td>the word “bird”</td></tr> <tr> <td>*bird</td><td>the letters “bird” with any prefix such as “_bird”</td></tr> <tr> <td>bird*</td><td>the letters “bird” with any suffix such as “birds”</td></tr> <tr> <td>grassland bird grassland OR bird</td><td>either or both words “grassland” and “bird” in any order</td></tr> <tr> <td>grassland AND bird</td><td>both words “grassland” and “bird” in any order</td></tr> <tr> <td>bird NOT grassland</td><td>the word “bird” but not “grassland”</td></tr> <tr> <td>“grassland bird”</td><td>the exact phrase “grassland bird”</td></tr> <tr> <td></td><td></td></tr> </table>	Search String	Resulting records will contain	bird	the word “bird”	*bird	the letters “bird” with any prefix such as “_bird”	bird*	the letters “bird” with any suffix such as “birds”	grassland bird grassland OR bird	either or both words “grassland” and “bird” in any order	grassland AND bird	both words “grassland” and “bird” in any order	bird NOT grassland	the word “bird” but not “grassland”	“grassland bird”	the exact phrase “grassland bird”		
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2 Filter by content type	Tips																		
Filter search results to a specific content type: Documents - written resources Downloadable Data - spatial or tabular data Live Map Services - view and interact with a live map Models – geoprocessing model or script file(s) Static Maps – an image of a map file	Examples of content types: Documents – reports, memos, appendices (.pdf, .docx) Downloadable data – layer packages (.lpx), zipped files (.zip), shapefiles (.shp) Live Map Services – ArcGIS.com map viewer Models – ESRI ModelBuilder files (.tbx), Python files (.py) Static maps image documents (.pdf) Filter content type - Select an option from the drop down menu and click 																		
3 3a Advanced Search	Tips																		
Select additional options to refine search results: Data Category - select an ISO category to filter records Modified Data - specify a range of dates to filter records Sort - sort results by Title, Content Type, Date, or Size of extent	Examples of search options: Data Category: Admin and Political Boundaries, Agriculture and Farming, Cadastral, Elevation, etc. Modified Data: (yyyy-mm-dd) Sort By: Relevance, Title, Content Type, Ascending/Descending Date, Ascending/Descending Area																		

	Advanced Search: select options, click  , and click 
4 Sites to Search Select one or more websites to search; this is called a federated search. This Site will search the BLM's Landscape Approach Data portal ArcGIS.com will search public data at ESRI's website Data.gov will search metadata registered with Data.gov USGS ScienceBase will search information shared on ScienceBase by the USGS and its collaborators	Tips Select sites where the search will be distributed Check between one and five boxes (sites) and click . The number of records from each site will be listed to the right of the sites name. To display results from one site, click the sites hyperlinked name above the check boxes. Records will include all content types (Documents, Downloadable Data, Map Services, etc).
5 Geographic Search Select an option that filters search results to a geographic area: Anywhere will return records without regard to location Intersecting will return records with a geographic extent that intersects the area within the map frame Fully Within will return records with a geographic extent that is fully within the map frame	Tips Instructions: - To filter records by geographic area, select Intersecting or Fully Within. - In the map frame, Zoom In/Out (Use the arrows or mouse wheel) and pan (click and drag) to the area of interest. - Click .
6 View Records Search records are listed on the right side of the screen. Each record can be expanded to view a brief description and a variety of hyperlinks that allow the user to perform activities such as download, view, etc. the hyperlinks associated with each record depend upon its content type and source. Click on Hyperlinks for all content types: Details: information about the record Zoom To: shows the geographic extent of the record in the map viewer Details show formatted metadata for all content Preview will not work for larger files Metadata displays the unformatted xml file	Tips Instructions: Click Expand Results to see a brief description of each record and the hyperlinks that can be used to download, view, or open files. Useful hyperlinks for specific content types: Documents: click Open to download the document file Downloadable data: click Download to save the data Live Map Services: click Add to Map to view the map in a map viewer Models: click Open to download the model file Static maps: click Open to download the map image document

How do I use AK Citrix to access ArcGIS Desktop or REA files?

ArcGIS Desktop (BLM personnel only)

BLM personnel who do not have access to ESRI ArcGIS Desktop applications can access them by using the BLM Citrix App Store or the Citrix Receiver (send in remedy ticket, if it's not on your desktop or under Start).

For more help on using Citrix (and other Geospatial needs):

<http://ilmakmaps.blm.doi.net/help.aspx>

All BLM Personnel:

- Before using Citrix, use the Data Portal search functions to learn about what REA products are available. The Data Portal provides an easily searchable format that does not require that you understand the directory structure or file naming conventions used to manage thousands of REA files.
- Files in the REA network folder are read-only. You will need to save a local copy to edit files and save files that are the products of analysis elsewhere.