

# DIGITAL MAPPING TECHNIQUES 2015

The following was presented at DMT'15  
(May 17-20, 2015 - Utah Geological Survey,  
Salt Lake City, UT)

The contents of this document are provisional

See Presentations and Proceedings  
from the DMT Meetings (1997-2015)

<http://ngmdb.usgs.gov/info/dmt/>

This presentation explains how to use tools in an ArcGIS Online (AGOL) organizational account to create a simple web map and integrate it into a web Map Application that can be then viewed on the desktop or a mobile device.

For further information, please contact:

Gordon Douglass

Utah Geological Survey

[gdouglass@utah.gov](mailto:gdouglass@utah.gov)

801-538-4810

# Using Arc GIS Online (AGOL) Tools to Create Web Mapping Apps for Your Desktop or Mobile Device

Gordon Douglass

Lead GIS Analyst

Utah Geological Survey

Geologic Hazards Program



Two types of AGOL accounts:

Personal – Limited functionality

Organization – Full functionality

<https://www.arcgis.com/home/>



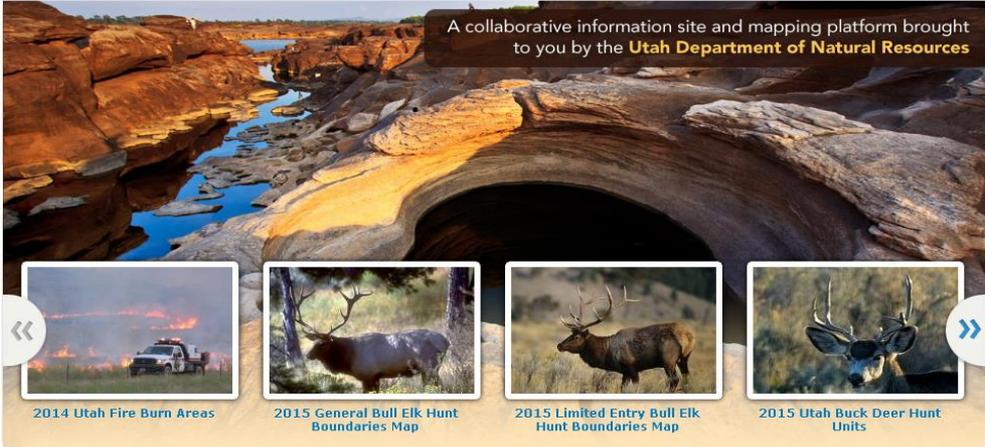
Utah DNR Online Maps

utahdnr.maps.arcgis.com/home/

HOME GALLERY MAP SCENE GROUPS

Sign In

A collaborative information site and mapping platform brought to you by the **Utah Department of Natural Resources**



2014 Utah Fire Burn Areas

2015 General Bull Elk Hunt Boundaries Map

2015 Limited Entry Bull Elk Hunt Boundaries Map

2015 Utah Buck Deer Hunt Units

The **Utah Department of Natural Resources** is responsible for ensuring that Utah's natural resources are protected, conserved and used wisely for the benefit of the citizens of the state.

Our mission is to sustain and enhance Utah's quality of life today and tomorrow through the coordinated and balanced stewardship of our natural resources.

As one of Utah's largest state agencies, the **Department of Natural Resources** helps ensure Utah's quality of life by managing and protecting our state's natural resources. We are composed of seven divisions: *State Parks and Recreation; Oil, Gas, and Mining; Wildlife Resources; Water Rights; Water Resources; Forestry, Fire, and State Lands;* and the *Utah Geological Survey.*

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Utah DNR Online Maps x

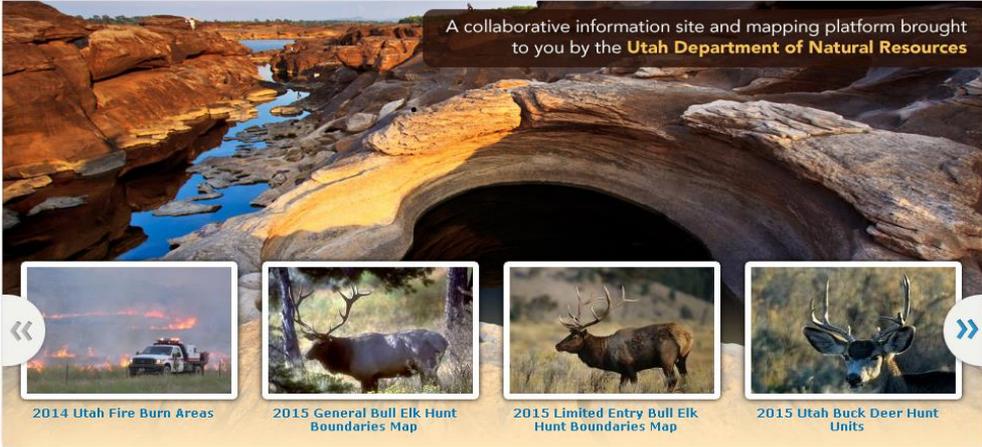
utahdnr.maps.arcgis.com/home/index.html

Apps | State Gmail | Employee Gateway | Home : Rocky Mou... | Salt Lake County Re... | Deeds/Agreements ... | CBS Sports Radio | Screen Saver Timeo... | QuickBooks | Copper Prices and C... | Convert pdf to imag...

HOME | GALLERY | MAP | SCENE | GROUPS | MY CONTENT | MY ORGANIZATION

Gordon

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2014 Utah Fire Burn Areas

2015 General Bull Elk Hunt Boundaries Map

2015 Limited Entry Bull Elk Hunt Boundaries Map

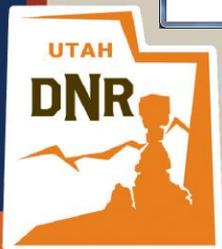
2015 Utah Buck Deer Hunt Units

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UTAH GEOLOGICAL SURVEY

geology.utah.gov

My Content

utahdnr.maps.arcgis.com/home/content.html

HOME GALLERY MAP SCENE GROUPS MY CONTENT MY ORGANIZATION

Natural Resources My Content

+ Add Item  
  Create  
  Share  
  Delete  
  Move

<input type="checkbox"/>	Title	Type	Modified	Shared
<input type="checkbox"/>	Avalanche Paths for LCC and BCC Wasatch Moun...	Web Mapping Application	Feb 11, 2015	Everyone
<input type="checkbox"/>	Cottonwood Canyons Avalanche Paths	Web Map	Feb 11, 2015	Everyone
<input type="checkbox"/>	QFaults Editing App	Web Mapping Application	Apr 8, 2015	Not Shared
<input type="checkbox"/>	Qfaults Editing Map	Web Map	Apr 8, 2015	Group
<input type="checkbox"/>	Utah Energy Areas	Web Map	Jan 27, 2015	Everyone
<input type="checkbox"/>	Utah Energy Areas	Web Mapping Application	Jan 29, 2015	Everyone
<input type="checkbox"/>	Utah Snotel Location App	Web Mapping Application	Apr 7, 2015	Everyone
<input type="checkbox"/>	Utah Snotel Sites	Web Map	Apr 7, 2015	Everyone
<input type="checkbox"/>	UtahQFaults	Service Definition	Apr 6, 2015	Everyone
<input type="checkbox"/>	UtahQFaults	Feature Layer	Apr 8, 2015	Organization

1 - 10 of 10 results

**Folders**  
 NEW DELETED  
 gordondouglass (Home)  
 From Corey

**Show**  
 All  
 Maps  
 Layers  
 Scenes  
 Apps  
 Tools  
 Files



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geology.utah.gov

My Content

utahdnr.maps.arcgis.com/home/content.html

HOME GALLERY MAP SCENE GROUPS MY CONTENT MY ORGANIZATION

Natural Resources My Content

Folders

- NEW DELETED
- gordondouglass (Home)
  - From Corey

Show

- All
- Maps
- Layers
- Scenes
- Apps
- Tools
- Files

+ Add Item Create Share Delete Move

		Type	Modified	Shared
<input type="checkbox"/>	▲ Title			
<input type="checkbox"/>	▲ Aval...	CC and BCC Wasatch Moun...	Feb 11, 2015	Everyone
<input type="checkbox"/>	▲ Cott...	Avalanche Paths	Feb 11, 2015	Everyone
<input type="checkbox"/>	▲ QFaults Editing App	Web Mapping Application	Apr 8, 2015	Not Shared
<input type="checkbox"/>	▲ Qfaults Editing Map	Web Map	Apr 8, 2015	Group
<input type="checkbox"/>	▲ Utah Energy Areas	Web Map	Jan 27, 2015	Everyone
<input type="checkbox"/>	▲ Utah Energy Areas	Web Mapping Application	Jan 29, 2015	Everyone
<input type="checkbox"/>	▲ Utah Snotel Location App	Web Mapping Application	Apr 7, 2015	Everyone
<input type="checkbox"/>	▲ Utah Snotel Sites	Web Map	Apr 7, 2015	Everyone
<input type="checkbox"/>	▲ UtahQFaults	Service Definition	Apr 6, 2015	Everyone
<input type="checkbox"/>	▲ UtahQFaults	Feature Layer	Apr 8, 2015	Organization

1 - 10 of 10 results



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UTAH GEOLOGICAL SURVEY

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The screenshot shows the ArcGIS My Content interface. A 'New Map' dialog box is open, allowing the user to create a new web map. The dialog box contains the following information:

- Title:** Utah Coal Areas Web Map
- Tags:** Utah, Coal
- Description:** Map of coal areas in the state of Utah

The background interface shows a list of existing maps and applications, including 'Avalanche Paths for LCC and BCC Wasatch Moun...', 'Cottonwood Canyons Avalanche Paths', 'QFaults Editing App', and 'Utah Energy A...'. The interface also includes navigation tabs like 'HOME', 'GALLERY', 'MAP', 'SCENE', 'GROUPS', 'MY CONTENT', and 'MY ORGANIZATION'.



Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/home/webmap/viewer.html?webmap=fe091a0ebcb74267a1c3f10cfa87621

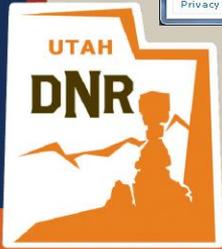
HOME Utah Coal Areas Web Map NEW MAP CREATE PRESENTATION Gordon

Details Add Basemap Save Share Print Directions Measure Bookmarks Find address or place

About Content Legend Contents Terrain

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## Representational State Transfer (REST) service

Publicly consumable REST services are available via the web

Example:

<http://mapserv.utah.gov/arcgis/rest/services>



Folder: /

mapserv.utah.gov/arcgis/rest/services

Apps | State Gmail | Employee Gateway | Home : Rocky Mou... | Salt Lake County Re... | Deeds/Agreements ... | CBS Sports Radio | Screen Saver Timeo... | QuickBooks | Copper Prices and C... | Convert pdf to imag...

**ArcGIS REST Services Directory** [Login](#) | [Get Token](#)

[Home](#) > [services](#) [Help](#) | [API Reference](#)

[JSON](#) | [SOAP](#)

**Folder: /**

Current Version: 10.21

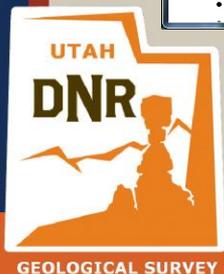
View Footprints In: [ArcGIS.com Map](#)

**Folders:**

- [AddressEditor](#)
- [AerialPhotography\\_BlackWhite](#)
- [AerialPhotography\\_Color](#)
- [AerialPhotography\\_InfraRed](#)
- [AGRC](#)
- [BaseMaps](#)
- [BBEcon](#)
- [Broadband](#)
- [CO2](#)
- [DEQEnviro](#)
- [Elevation](#)
- [Geolocators](#)
- [IBIS](#)
- [LtGovVotingDistricts](#)
- [Print](#)
- [Roadkill](#)
- [ScannedMaps](#)
- [SGID](#)
- [Soe](#)
- [SurfaceWaterQuality](#)
- [UDSH](#)
- [Utilities](#)

**Services:**

- [ACTSStatisticsViewer](#) (MapServer)
- [DEM](#) (ImageServer)
- [DNRLands](#) (MapServer)
- [EnergyAreas](#) (MapServer)
- [EnterpriseZones](#) (MapServer)
- [garfTrails](#) (MapServer)
- [Geometry](#) (GeometryServer)
- [Hava](#) (MapServer)
- [LandUsePlanning](#) (MapServer)
- [NTSIE](#) (MapServer)
- [OilGasMining](#) (MapServer)
- [Parcels](#) (MapServer)
- [PCC](#) (MapServer)



EnergyAreas (MapServer) x

mapserv.utah.gov/arcgis/rest/services/EnergyAreas/MapServer

Apps | State Gmail | Employee Gateway | Home : Rocky Mou... | Salt Lake County Re... | Deeds/Agreements ... | CBS Sports Radio | Screen Saver Timeo... | QuickBooks | Copper Prices and C... | Convert pdf to imag...

ArcGIS REST Services Directory [Login](#) | [Get Token](#)

[Home](#) > [services](#) > [EnergyAreas \(MapServer\)](#) [Help](#) | [API Reference](#)

[JSON](#) | [SOAP](#)

### EnergyAreas (MapServer)

View In: [ArcGIS JavaScript](#) [ArcGIS.com Map](#) [Google Earth](#) [ArcMap](#) [ArcGIS Explorer](#)

View Footprint In: [ArcGIS.com Map](#)

Service Description: Map of Energy Resources

Map Name: Layers

[Legend](#)

[All Layers and Tables](#)

Layers:

- [Wind Turbines in Canyons](#) (0)
- [Geothermal Plants](#) (1)
- [Coal Mines](#) (2)
- [Geothermal Zones](#) (3)
- [Solar Zones](#) (4)
- [Oil Gas Fields](#) (5)
- [Wind Zones](#) (6)
- [Oil Gas Wells](#) (7)
- [Coal Fields](#) (8)
- [Transmission Lines for Energy](#) (9)
- [Counties](#) (10)

Description:

Copyright Text:

Spatial Reference: 26912 (26912)

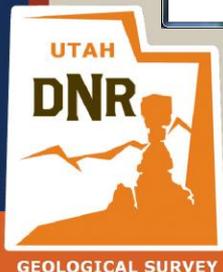
Single Fused Map Cache: false

Initial Extent:

XMin: 45971.70035762788  
YMin: 4338733.848501696  
XMax: 856556.3196423724  
YMax: 4681513.2055  
Spatial Reference: 26912 (26912)

Full Extent:

XMin: 228583.4299999997  
YMin: 4094743.9000000004



Layer: Coal Fields (ID: 8)

mapserv.utah.gov/arcgis/rest/services/EnergyAreas/MapServer/8

ArcGIS REST Services Directory [Login](#) | [Get Token](#)

[Home](#) > [services](#) > [EnergyAreas \(MapServer\)](#) > [Coal Fields](#) [Help](#) | [API Reference](#)

[JSON](#)

**Layer: Coal Fields (ID: 8)**

Name: Coal Fields

Display Field: KMDA\_NAME

Type: Feature Layer

Geometry Type: esriGeometryPolygon

Description:

Definition Expression: N/A

Copyright Text:

Default Visibility: true

MaxRecordCount: 1000

Supported Query Formats: JSON, AMF

Min Scale: 0

Max Scale: 0

Supports Advanced Queries: true

Supports Statistics: true

Has Labels: false

Can Modify Layer: false

Can Scale Symbols: false

Use Standardized Queries: true

Extent:

XMin: 243377.599999999963  
YMin: 4099901  
XMax: 673878.5  
YMax: 4552045  
Spatial Reference: 26912 (26912)

Drawing Info:

Renderer:



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Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/home/webmap/viewer.html?webmap=fe091a0ebcb74267a1c3f10cfa87621

HOME Utah Coal Areas Web Map NEW MAP CREATE PRESENTATION Gordon

Details Add Basemap Save Share Print Directions Measure Bookmarks Find address or place

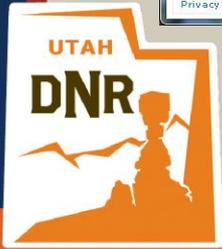
About  
Search for Layers  
Browse Esri Map Layers  
Contents  
Add Layer from Web  
Terrain  
Add Layer from File  
Add Map Notes

Utah Coal Areas Web Map

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Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/home/webmap/viewer.html?webmap=fe091a0ebcb74267a1c3f10cfa87621

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About Content Legend

Contents

Terrain

What type of data are you referencing?

An ArcGIS Server Web Service

URL: <http://mapserv.utah.gov/arcgis/rest/services/EnergyAreas/MapServer/8>

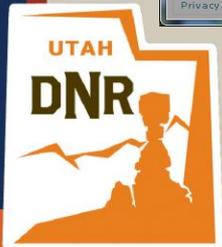
Use as Basemap

ADD LAYER CANCEL

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0 30 60mi

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HOME Utah Coal Areas Web Map NEW MAP CREATE PRESENTATION Gordon

Details Add Basemap Save Share Print Directions Measure Bookmarks Find address or place

About Content Legend

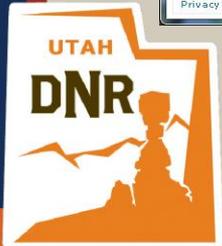
Contents

- EnergyAreas - Coal Fields
  - Zoom to
  - Transparency
  - Set Visibility Range
  - Move up
  - Move down
  - Rename
  - Remove
  - Copy
  - Hide in Legend
  - Remove Pop-up
  - Configure Pop-up
  - Change Style
  - Create Labels
  - Perform Analysis
  - Show Table
  - Filter
  - Refresh Interval
  - Description
  - Save Layer
- Terrain

0 30 60mi

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Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/home/webmap/viewer.html?webmap=fe091a0ebcb74267a1c3f10cfa87621

HOME Utah Coal Areas Web Map NEW MAP CREATE PRESENTATION Gordon

Details Add Basemap Save Share Print Directions Measure Bookmarks Find address or place

About Content Legend

Contents

- EnergyAreas - Coal Fields
- Terrain

Share

Choose who can view this map.

Your map is currently shared with these people.

- Everyone (public)
- Utah DNR Online Maps
- Members of these groups:
  - 2015 Maps on the Hill Gallery
  - Utah Geological Survey

Link to this map

<http://arcgis/1d2CQoO> Facebook Twitter

Share current map extent

Embed this map

EMBED IN WEBSITE MAKE A WEB APPLICATION

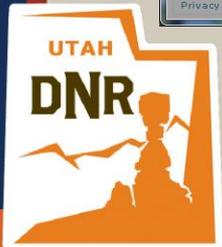
DONE

Colorado Arizona New Mexico

0 30 60mi

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My Content

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HOME GALLERY MAP SCENE GROUPS MY CONTENT MY ORGANIZATION

Gordon

## My Content

**Folders**

- NEW
- DELETE
- gordondouglass (Home)
- From Corey

**Show**

- All
- Maps
- Layers
- Scenes
- Apps
- Tools
- Files

+ Add Item Create Share Delete Move

	Type	Modified	Shared
Feature Layer			
Tile Layer			
App			
Using a Template			
Using the Web AppBuilder			
App	Web Mapping Application	Feb 11, 2015	Everyone
Map	Web Map	Feb 11, 2015	Everyone
Scene			
QFaults Editing App	Web Mapping Application	Apr 8, 2015	Not Shared
Qfaults Editing Map	Web Map	Apr 8, 2015	Group
Utah Coal Areas Web Map	Web Map	May 12, 2015	Everyone
Utah Energy Areas	Web Map	Jan 27, 2015	Everyone
Utah Energy Areas	Web Mapping Application	Jan 29, 2015	Everyone
Utah Snotel Location App	Web Mapping Application	Apr 7, 2015	Everyone
Utah Snotel Sites	Web Map	Apr 7, 2015	Everyone
UtahQFaults	Feature Layer	Apr 8, 2015	Organization
UtahQFaults	Service Definition	Apr 6, 2015	Everyone

1 - 11 of 11 results



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UTAH GEOLOGICAL SURVEY

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The screenshot displays the ArcGIS My Content interface. A dialog box titled "New Web Mapping Application" is open, prompting the user to create an application using Web AppBuilder. The dialog contains the following fields:

- Title:** Utah Coal Areas Web Map App
- Tags:** Utah, Coal (with an "Add tag(s)" link below)
- Description:** Web app for coal areas in Utah

The background interface shows a list of existing web mapping applications with the following columns: Title, Type, Modified, and Shared.

Title	Type	Modified	Shared
Avalanche Paths for LCC and BCC Wasatch Moun...	Web Mapping Application	Feb 11, 2015	Everyone
Cottonwood Canyons Avalanche Paths	Web Map	Feb 11, 2015	Everyone
QFaults Editing App	Web Mapping Application	Apr 8, 2015	Not Shared
Qfaults Editing Map	Web Map	Apr 8, 2015	Group
Utah Coal Areas Web Map	Web Mapping Application	May 12, 2015	Everyone
Utah Energy A...	Web Mapping Application	Jan 27, 2015	Everyone
Utah Energy A...	Web Mapping Application	Jan 29, 2015	Everyone
Utah Snotel L...	Web Mapping Application	Apr 7, 2015	Everyone
Utah Snotel S...	Web Mapping Application	Apr 7, 2015	Everyone
UtahQFaults	Web Mapping Application	Apr 8, 2015	Organization
UtahQFaults	Web Mapping Application	Apr 6, 2015	Everyone



Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Apps | State Gmail | Employee Gateway | Home : Rocky Mou... | Salt Lake County Re... | Deeds/Agreements ... | CBS Sports Radio | Screen Saver Timeo... | QuickBooks | Copper Prices and C... | Convert pdf to imag...

Home | Web AppBuilder for ArcGIS | Utah Coal Areas Web Map App | Gordon

Themes | Map | Widget | Attribute

 Foldable Theme  
 Tab Theme

Style



Layout



 Launch | 
  Previews | 
  Saved

Utah Coal Areas Web Map App with Web AppBuilder for ArcGIS

Esri World Geocoder

1 2 3



Logan, Randolph, Wyoming, Brigham City, Ogden, Morgan, Manila, Farmington, Salt Lake City, Coakville, Heber City, Vernal, Provo, Duchesne, Nephi, Price, Castle Dale, Mantth, Fillmore, Richfield, Beaver, Junction, Loa, Parowan, Panguitch, Monticello, Nevada, Colorado, esri



Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Web AppBuilder for ArcGIS

### Utah Coal Areas Web Map App

with Web AppBuilder for ArcGIS

Themes | Map | Widget | Attribute

Web Map  
Owner BuckEhler  
Last Modified: 6/25/2014  
More Details...  
Choose Web Map

AGRC Terrain  
Terrain basemap from AGRC

**Set Initial Extent**  
Specify the initial map extent when the application starts up.

Use Current Map View

Use Web Map's Default Extent

**Customize Visible Scales**  
Customize the visible scales of the map to limit or extend the scale levels which the map can zoom to.

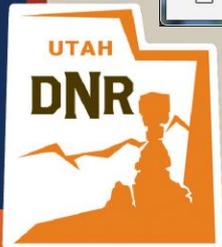
Customize

Launch | Previews | Saved

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Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Web AppBuilder for ArcGIS

### Utah Coal Areas Web Map App

Choose Web Map

My Content | My Organization | My Groups | Public

Search

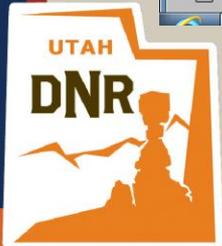
Cottonwood Canyons Avalanche Paths	Hazards Quaternary Faults of Utah	MapTileTest	Parkway Drive landslide, North Salt Lake	Point test
Qfaults Editing Map	Quaternary Faults of Utah	Quaternary Faults of Utah and Utilities	Quaternary Faults of Utah- Pipelines	ShakeOut Mock Observation Map
Test Faults	Utah Coal Areas Web Map	Utah Energy Areas	Utah Snotel Sites	

OK Cancel

60mi

Move mouse to get coordinates

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utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Apps | State Gmail | Employee Gateway | Home : Rocky Mou... | Salt Lake County Re... | Deeds/Agreements ... | CBS Sports Radio | Screen Saver Timeo... | QuickBooks | Copper Prices and C... | Convert pdf to imag...

Home | Web AppBuilder for ArcGIS | Utah Coal Areas Web Map App | Gordon

Themes | Map | Widget | Attribute

Utah Coal Areas Web Map App with Web AppBuilder for ArcGIS

Esri World Geocoder

1 2 3

Utah Coal Areas Web Map  
Owner: gordonouglass  
Last Modified: 5/12/2015  
More Details...  
Choose Web Map

Utah Coal Areas Web Map  
Map of coal areas in the state of Utah

**Set Initial Extent**  
Specify the initial map extent when the application starts up.  
Use Current Map View  
Use Web Map's Default Extent

**Customize Visible Scales**  
Customize the visible scales of the map to limit or extend the scale levels which the map can zoom to.  
Customize

60mi | 1,437,122.854 15,409,473.596 Feet

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Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Web AppBuilder for ArcGIS

### Utah Coal Areas Web Map App

with Web AppBuilder for ArcGIS

Themes | Map | Widget | Attribute

Esri World Geocoder

1 2 3

Header Controller

Attribute Table | Coordinate | Geocoder | Home Button

My Location | Overview Map | Scalebar | Splash

Swipe | Time Slider | Widget | Widget

Widget

60mi | 2,055,038.989 15,036,316.451 Feet

esri



Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Web AppBuilder for ArcGIS

### Utah Coal Areas Web Map App

with Web AppBuilder for ArcGIS

Choose Widget

Widget Name

- About
- Analysis
- Basemap Gallery
- Bookmark
- Chart
- Directions
- Draw
- Edit
- Geoproc...
- Layer List
- Legend
- Measurement
- Print
- Query

OK Cancel

60mi -625,272.554 15,746,518.761 Feet

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Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Web AppBuilder for ArcGIS

### Utah Coal Areas Web Map App

with Web AppBuilder for ArcGIS

Configure Basemap Gallery

Basemap Gallery

[change widget icon](#) [Learn more about this widget](#)

Click to Add a New Basemap

- AGRC Hillshade
- AGRC Hybrid
- AGRC Imagery
- AGRC Lite Basemap
- AGRC Streets
- AGRC Terrain
- AGRC Topo

OK Cancel

60mi -625,272.554 15,746,518.761 Feet

esri



Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/apps/webappbuilder/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Web AppBuilder for ArcGIS

### Utah Coal Areas Web Map App

with Web AppBuilder for ArcGIS

Themes | Map | Widget | Attribute

Esri World Geocoder

Header Controller

- Attribute Table
- Coordinate
- Geocoder
- Home Button
- My Location
- Overview Map
- Scalebar
- Splash
- Swipe
- Time Slider
- Basemap Gallery
- Widget

60mi | 1,080,015.478 15,373,361.615 Feet

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Utah Coal Areas Web Map

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Apps | State Gmail | Employee Gateway | Home : Rocky Mou... | Salt Lake County Re... | Deeds/Agreements ... | CBS Sports Radio | Screen Saver Timeo... | QuickBooks | Copper Prices and C... | Convert pdf to imag...

Home | Web AppBuilder for ArcGIS | Utah Coal Areas Web Map App | Gordon

Themes | Map | Widget | Attribute

### Utah Coal Areas Web Map App

with Web AppBuilder for ArcGIS

Branding

Add logo, title, or subtitle for your app.

 Utah Coal Areas Web Map App  
with Web AppBuilder for ArcGIS

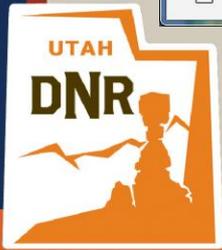
Links

[Add New Link](#) | [Edit](#) | [Delete](#)

Esri World Geocoder

60mi | 1,617,682.764 15,244,963.457 Feet

esri



GEOLOGICAL SURVEY

UTAH GEOLOGICAL SURVEY

geology.utah.gov

Utah Coal Areas Web Map

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Width 1024 Px | Height 768 Px

iPhone6	iPhone6 plus	iPhone5/5C/5S	iPhone4/4S
iPad Air	iPad with Retina Display	The New iPad	iPad Mini
Samsung Galaxy S4	Samsung Note 3	Nexus 5	Nexus 4
Nexus 7	HTC One	Xiaomi 3	LG G2

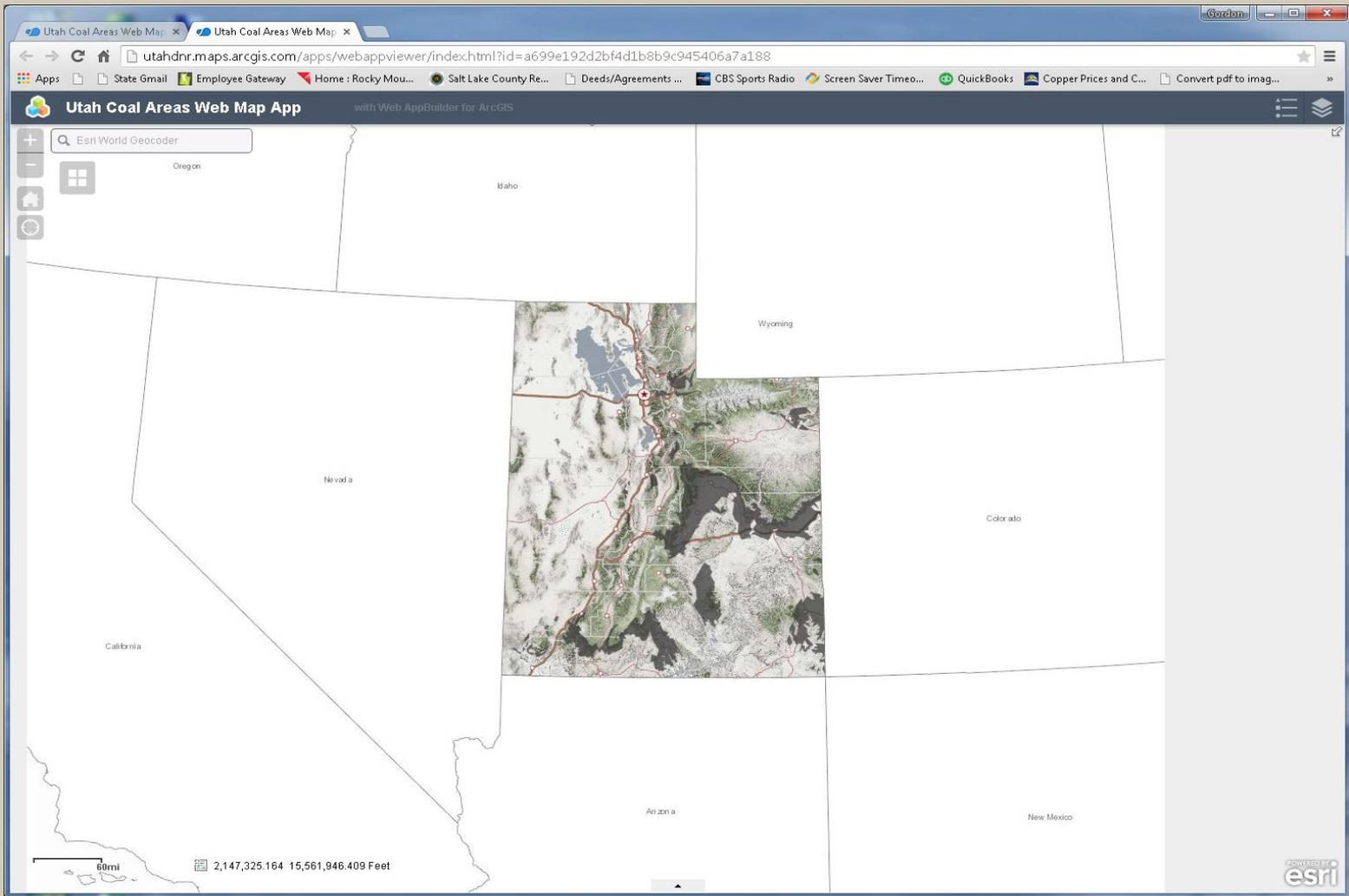
Scan QR code to view application on your mobile device

Launch | < Configure | Save

**Utah Coal Areas Web Map App** with Web AppBuilder for ArcGIS

Esri World Geocoder





GEOLOGICAL SURVEY

UTAH GEOLOGICAL SURVEY

geology.utah.gov

Utah Coal Areas Web Map App

utahdnr.maps.arcgis.com/apps/webappviewer/index.html?id=a699e192d2bf4d1b8b9c945406a7a188

Esri World Geocoder

Coal Fields:

ACREAGE 230,137.69  
 KMDA\_NAME  
 KMDA\_NUMBE 0  
 FAV\_CODE 2

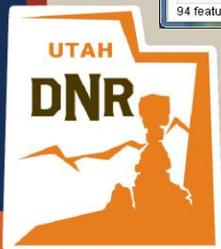
Zoom to

Options Zoom to Clear Selection Refresh

EnergyAreas - Coal Fields

acreage	kmda_name	kmda_numbe	fav_code
117,112.8		0	2
20,324.01	COALVILLE	1	3
1,935.15		0	2
20,181.36		0	2
30,391.23		0	2
113,684.37		0	2
6,250.67	VERNAL	3	3

94 features 0 selected



GEOLOGICAL SURVEY

UTAH GEOLOGICAL SURVEY

geology.utah.gov

My Content

utahdnr.maps.arcgis.com/home/content.html

HOME GALLERY MAP SCENE GROUPS MY CONTENT MY ORGANIZATION

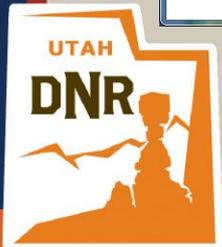
Gordon

## My Content

[+ Add Item](#)
[Create](#)
[Share](#)
[Delete](#)
[Move](#)

Title	Type	Modified	Shared
Avalanche Paths for LCC and BCC Wasatch Moun...	Web Mapping Application	Feb 11, 2015	Everyone
Cottonwood Canyons Avalanche Paths	Web Map	Feb 11, 2015	Everyone
QFaults Editing App	Web Mapping Application	Apr 8, 2015	Not Shared
Qfaults Editing Map	Web Map	Apr 8, 2015	Group
Utah Coal Areas Web Map	Web Map	May 12, 2015	Everyone
Utah Coal Areas Web Map App	Web Mapping Application	May 12, 2015	Not Shared
Utah Energy Areas	Web Map	Jan 27, 2015	Everyone
Utah Energy Areas	Web Mapping Application	Jan 29, 2015	Everyone
Utah Snotel Location App	Web Mapping Application	Apr 7, 2015	Everyone
Utah Snotel Sites	Web Map	Apr 7, 2015	Everyone
UtahQFaults	Service Definition	Apr 6, 2015	Everyone
UtahQFaults	Feature Layer	Apr 8, 2015	Organization

1 - 12 of 12 results



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HOME GALLERY MAP SCENE GROUPS MY CONTENT MY ORGANIZATION

## Utah Coal Areas Web Map App

Web app for coal areas in Utah

Web Mapping Application by gordondouglass  
Last Modified: May 12, 2015

(0 ratings, 5 views, 0 downloads)

Facebook Twitter

OPEN SHARE EDIT DELETE

### Description

### Properties

URL	<a href="http://utahdnr.maps.arcgis.com/apps/webapp/">http://utahdnr.maps.arcgis.com/apps/webapp/</a>
Code Attachment	Utah Coal Areas Web Map App Download
Purpose	
API	
Shared with	The item is not shared.
Tags	Utah, Coal
Credits	
Size	838 KB
Delete Protection	Disabled
Extent	

### Comments (0)

Add a Comment

PUBLISH COMMENT

### Share

Share the item(s) with:

Everyone (public)

Utah DNR Online Maps

These groups:

- 2015 Maps on the Hill Gallery
- Utah Geological Survey

These settings will replace the current settings.

OK CANCEL



Utah Coal Areas Web Map

utahdnr.maps.arcgis.com/home/item.html?id=a699e192d2bf4d1b8b9c945406a7a188

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Web app for coal areas in Utah

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★★★★★ (0 ratings, 5 views, 0 downloads)

Facebook Twitter

OPEN SHARE EDIT DELETE MOVE USAGE

### Description

### Properties

URL	<a href="http://utahdnr.maps.arcgis.com/apps/webappviewer/index.html?id=a699e192d2bf4d1b8b9c945406a7a188">http://utahdnr.maps.arcgis.com/apps/webappviewer/index.html?id=a699e192d2bf4d1b8b9c945406a7a188</a>
Code Attachment	Utah Coal Areas Web Map App Download
Purpose	
API	
Shared with	Everyone (public)
Tags	Utah, Coal
Credits	
Size	838 KB
Delete Protection	Disabled
Extent	

### Comments (0)

Add a Comment

PUBLISH COMMENT



## Web AppBuilder for ArcGIS (DeveloperEdition)

Download and install on local machine

Must be running Internet Information Services

Used to create custom widgets and themes



Questions/Comments ?

Thanks!

