

ArcGIS Online Steps for Success

A best practices approach

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ArcGIS Online Steps for Success

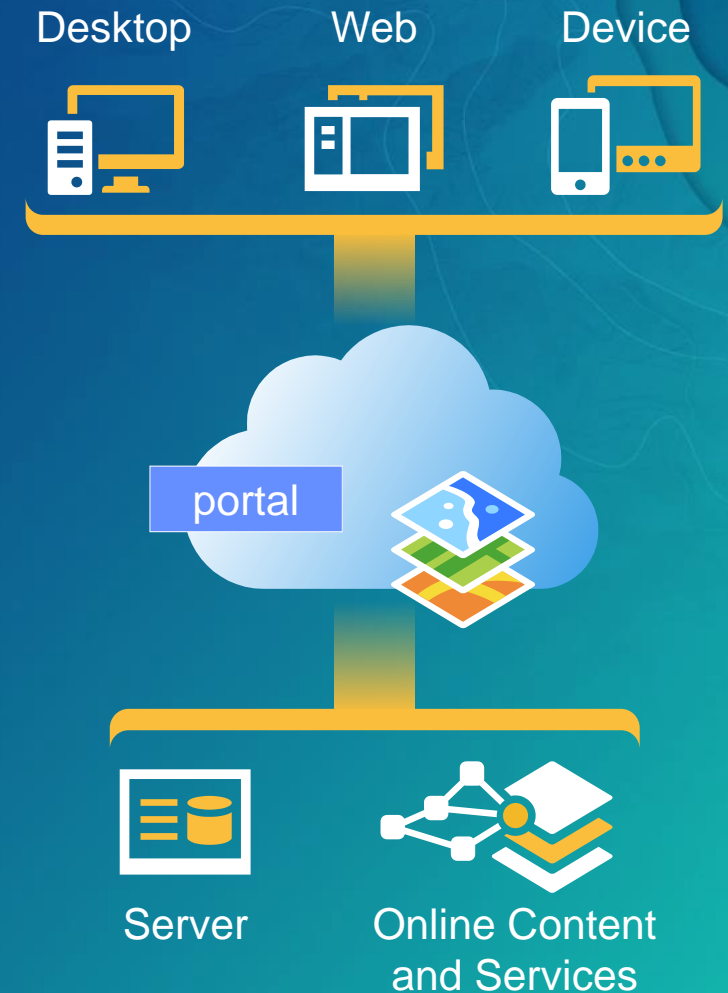
A best practices approach

- Not a step-by-step how-to, but guidance and tips
- A discussion of best practices for you to consider
- Not necessarily in order
- Each organization is different, implement what works
- Software demonstrations, examples, and Q&A

What is Web GIS?

Foundation of a modern GIS

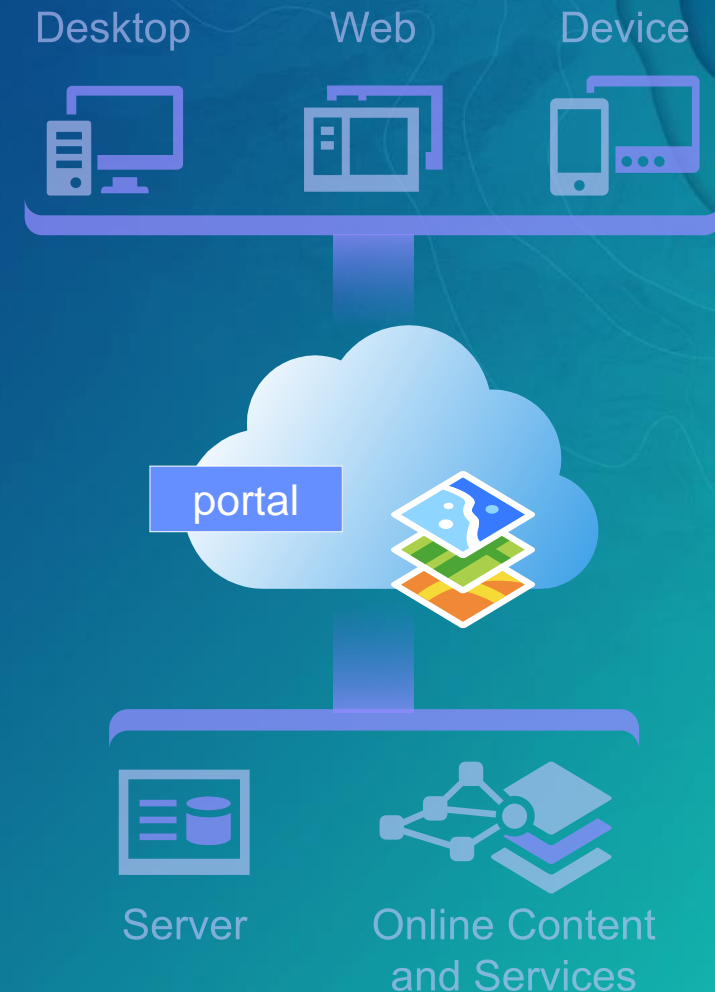
- A pattern, or architectural approach
- Powered by services
- Components are connected
- Uses a portal
- In the cloud, on premises, or both



What is a portal?

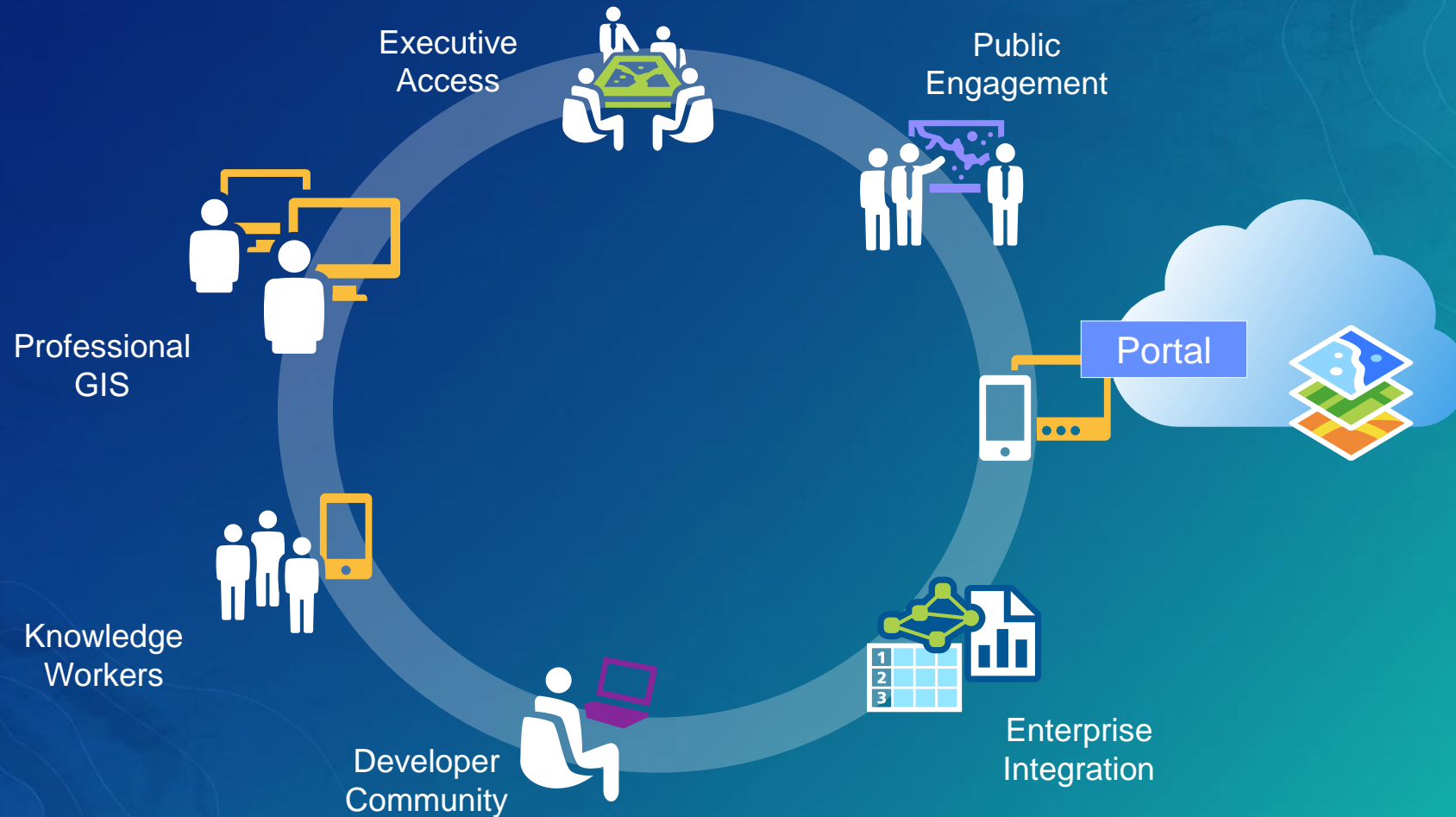
Essential component of a GIS

- Framework for managing and using content
- Supports identity
- Manages users and collaboration
- Sharing
- GeoInformation model
- Hosted in the Cloud (ArcGIS Online)
- Hosted on-premises (ArcGIS Enterprise)
- ...or Both



Your portal

The center of your geographic information ecosystem



Your circle of influence

Amplifies your work, magnifies what you do



Establish the vision and governance

UNDERSTAND YOUR ROADMAP TO SUCCESS
AND WHAT SUCCESS MEANS

Jeff

1

Vision and Governance

Find the right people

- Who are the champions?
- Who are the stakeholders?
- Who is the audience?



Discover what they need

- What is the mission and vision?
- What workflows will it support?
- What are the deliverables?

Consider the following

- Establish a curator, or group of curators
- Form a governance committee
- Meet early and often

Suggestions

- Communicate early, often, and well
- Establish a rough time for deliverables
- Prototype and test before rolling out
- Implement successful patterns
- Establish essential procedures and guidelines
- Be flexible, adapt, and evolve

DISCUSSION

1

Determine your implementation pattern

THE FOUNDATION OF YOUR GIS

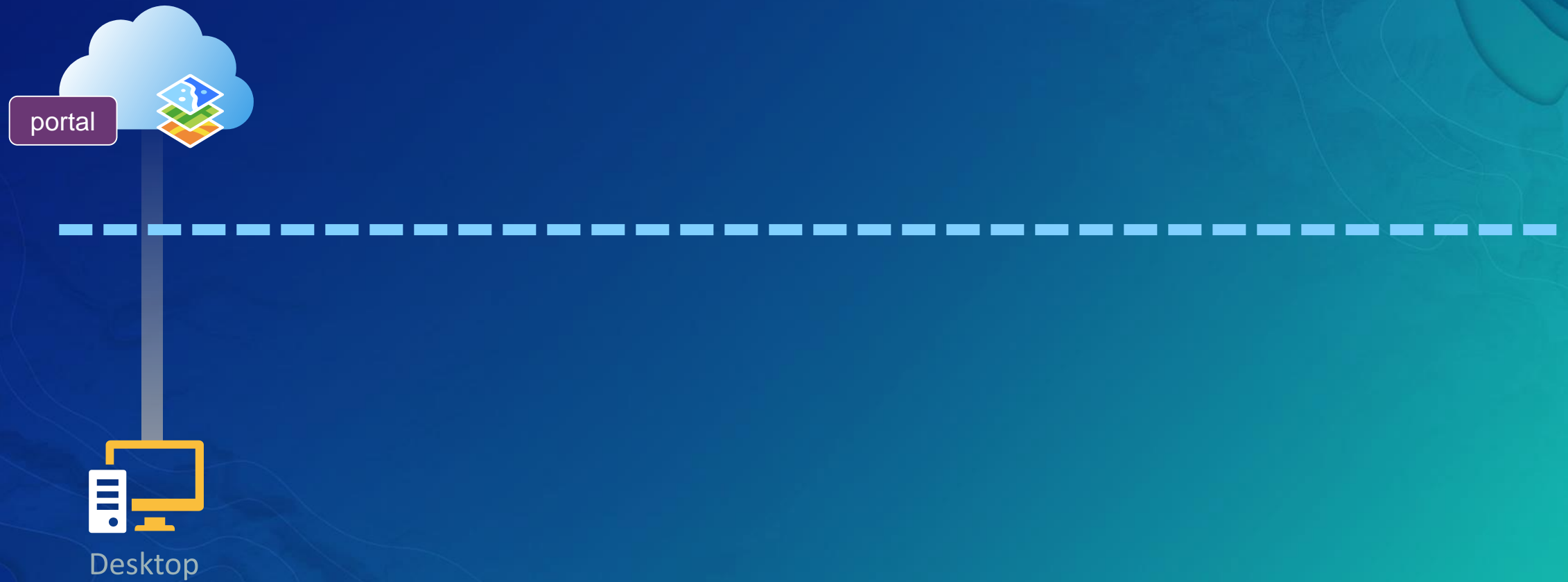
Bern

2

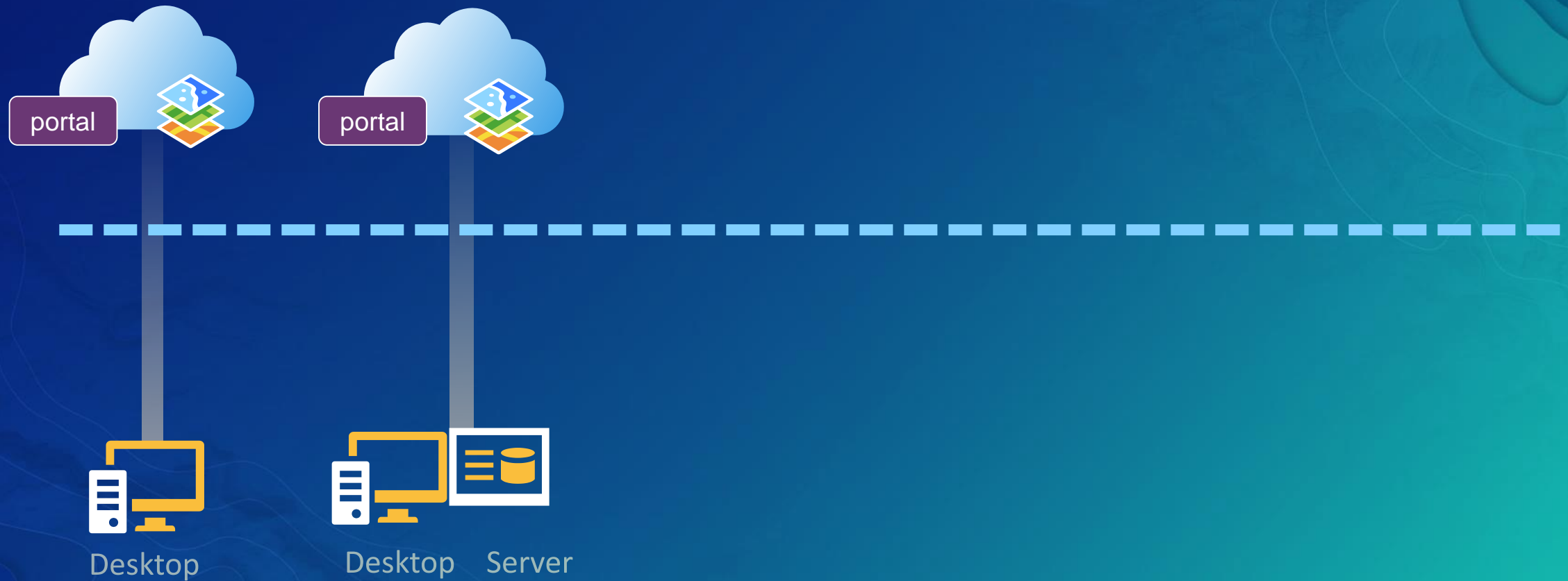
Consider your implementation



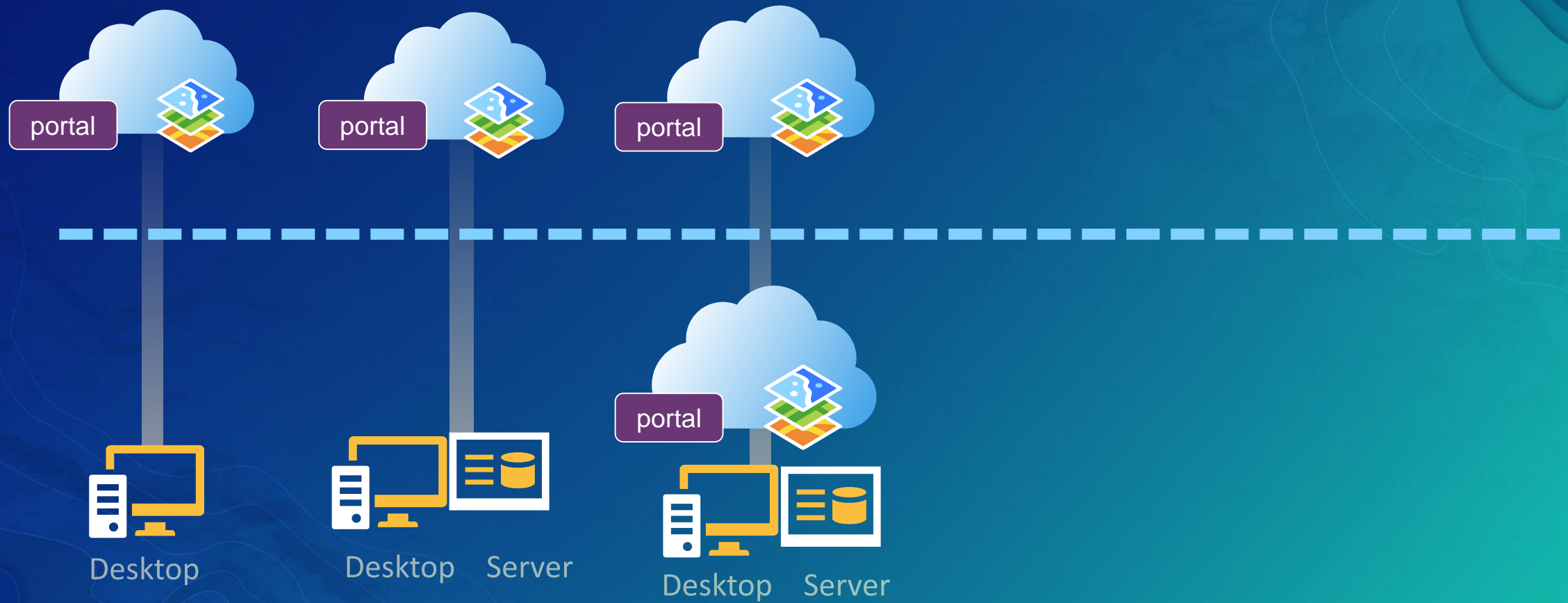
Consider your implementation



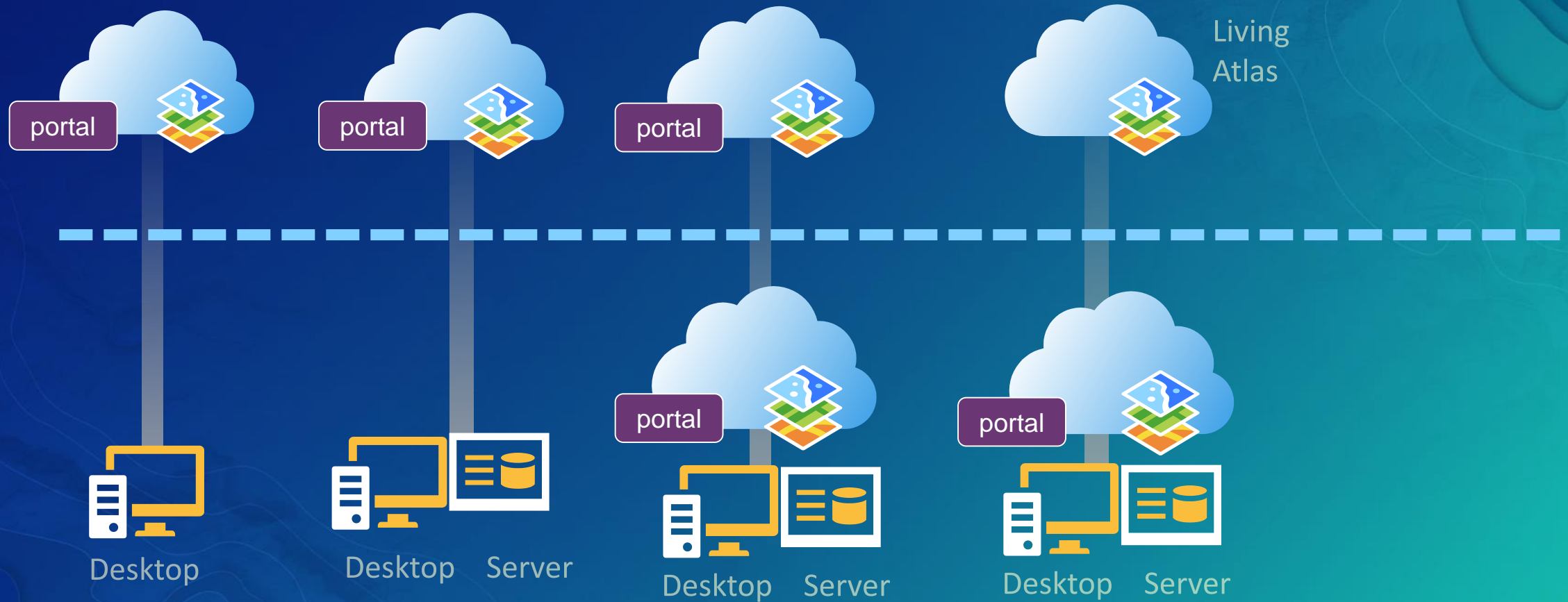
Consider your implementation



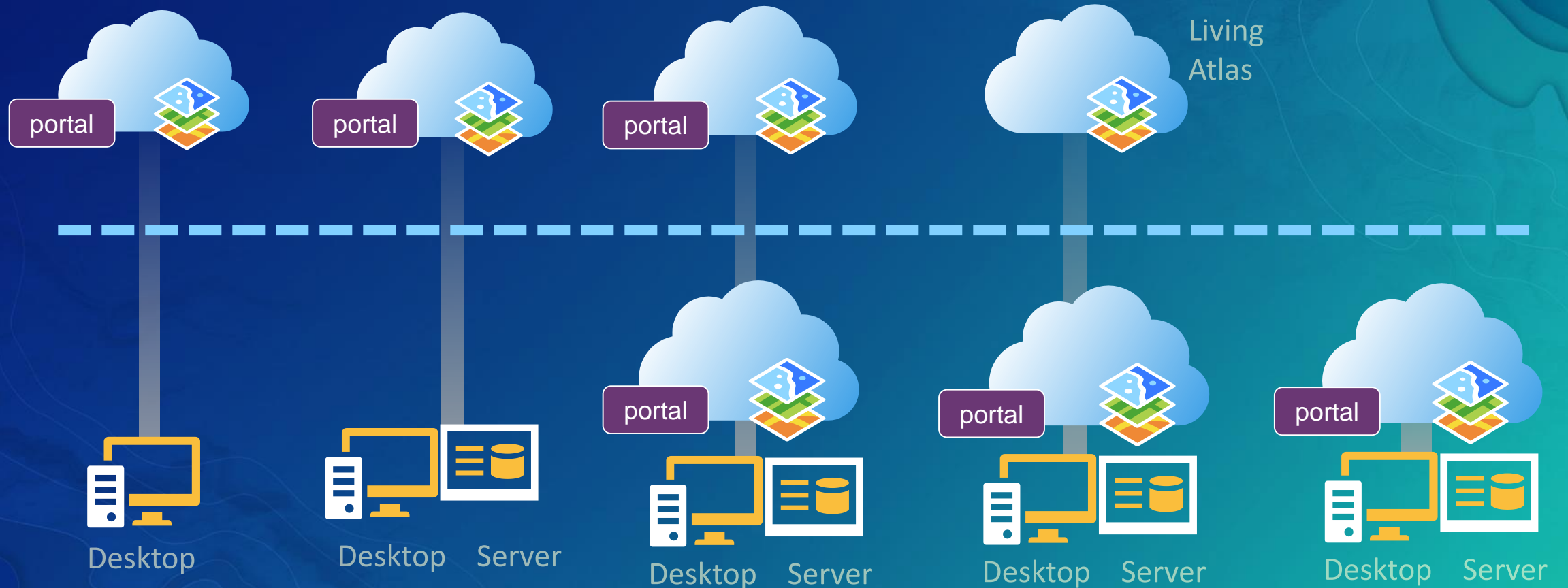
Consider your implementation



Consider your implementation



Consider your implementation



Things to consider

- Other enterprise services and databases
- Server extensions
 - Insights
 - GeoEvent Tracking Server
 - Advanced analytics
- ArcGIS Pro adoption
- Standard vs Premium feature data store (M1, M2, M3)

Things to consider

- Host on your own vs. Esri managed services
<http://www.esri.com/arcgis/services/managed-cloud>
- Enterprise Builder, Chef, Cloud Builder
<https://server.arcgis.com/>

Things to consider

- Host on your own vs. Esri managed services
<http://www.esri.com/arcgis/services/managed-cloud>
- Enterprise Builder
<https://server.arcgis.com/>
- Chef cookbooks
<https://github.com/Esri/arcgis-cookbook>
- Cloud Builder
<http://server.arcgis.com/en/server/latest/cloud/amazon/overview-cloud-builder.htm>

DISCUSSION

2

Create a great destination

BUILD YOUR DREAM HOME


Bern



3

Your organization home

State of Oregon

Geospatial Data, Maps & Applications









Story Maps

Featured Apps

Documentation

Oregon's ArcGIS Online helps make creating, collaborating, and sharing geospatial content easier than ever! You can explore all of this great content by viewing our featured [Story Maps](#), featured [applications](#), or use the links below to see what individual agencies are building. State employees or agencies wanting to join ArcGIS Online can refer to the [documentation site](#) for more information.

View Participating Agency Pages



Oregon Geospatial Enterprise Office

Oregon Department of Transportation

Oregon Department of Forestry

Oregon Chief Financial Office

My City Houston

City of Houston, Texas- Maps & Applications





Houston Map Viewer

Houston City Service Info

Counties Voting Precincts

Houston Transportation and Annexation

Welcome to the official City of Houston's My City ArcGIS Maps

The City of Houston's Enterprise GIS team focuses on the development and continuing enhancement of an Enterprise Geographic Information System that serves the needs of all City of Houston departments, staff and citizens. Through coordinated data development, best practices data management and state of the art mapping services, City of Houston Enterprise GIS seeks to improve access to information as well as the quality of underlying data from which information is derived. Visit <http://mycity.houstontx.gov>



ENTERPRISE GIS
We serve the GIS and geospatial needs across departments and the citizens.



MY CITY OPEN DATA
Download cloud based GIS data.



TERMS OF USE
Find out the rules, guidelines, and disclaimers to using of city's data.



MAP GALLERY
Better stuff than at the Louvre. Mercator would be so proud!



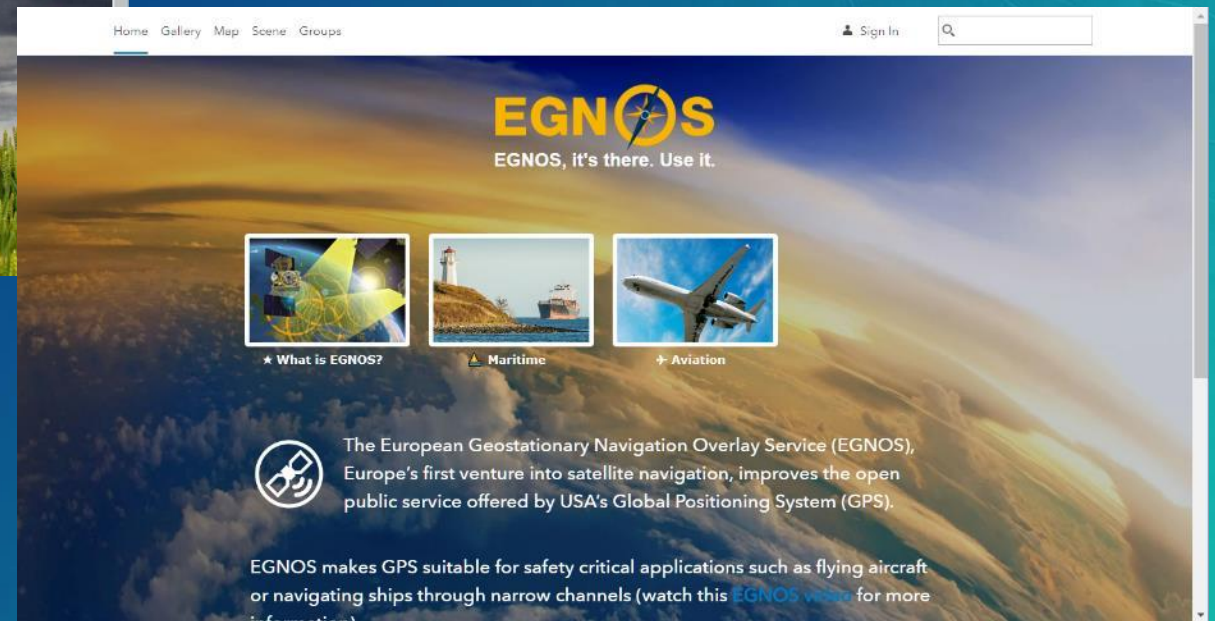
HOUSTON EVENTS ON MAP
Finding great things to do, and bringing you MOSE Signature Events on map.



CITY HALL PARKING
Find parking around City Hall during the City Council Meetings, and other events.

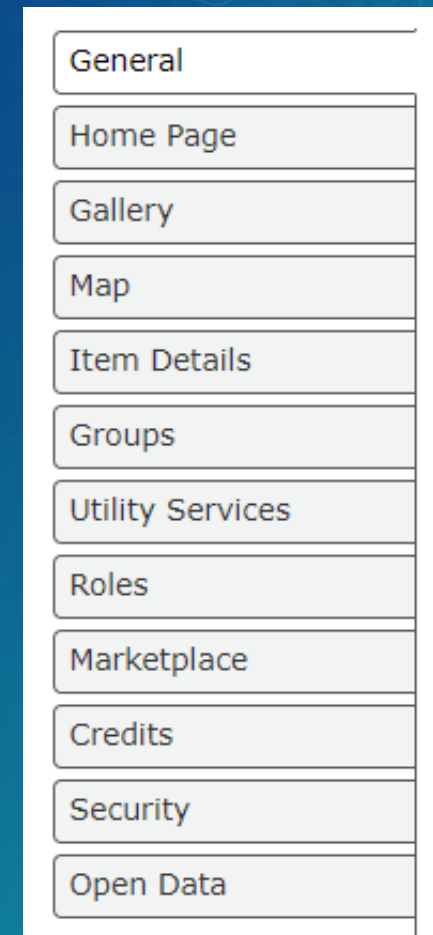
© 2017. All rights reserved. City of Houston. mycityhelpdesk@houstontx.gov

CSS Customizations



Organization settings

- Home page (banner and background)
- Featured content (gallery ribbon)
- Gallery content
- Default map and basemaps
- Custom app templates
- Utility services
- Security settings
- More...



Organization settings – Esri vector basemaps

General

Home Page

Gallery

Map

Item Details


Groups

Utility Services

Map

Configure the components people in your organization will use to author maps.

Basemap Gallery

Select the group whose webmaps will be shown in the Basemap Gallery.

Esri Default

☒ Use Esri vector basemaps in supported ArcGIS apps. [?](#)



Organization settings – Roles

General

Home Page

Gallery

Map

Item Details

Groups

Utility Services

Roles

Marketplace

Credits

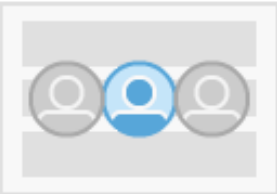
Security

Open Data

Roles ?

Create, edit, and manage roles in your organization. You may create a role based on an existing role or role template, allowing or denying privileges associated with the role as you deem necessary.

Note that when creating or editing a role, changes aren't saved until you click Save Role.



CREATE ROLE

ASSIGN ROLES

Role Name	Minimum Level	Members
Administrator	2	1 i
Data Admin and Author	2	0 i ✎ ✖
Engineer	2	0 i ✎ ✖
GIS Data Administrator	2	0 i ✎ ✖
Publisher	2	2 i
User	2	0 i
Viewer	1	1 i

Organization settings – Budgeting credits

General

Home Page

Gallery

Map

Item Details

Groups

Utility Services

Roles

Marketplace

Credits

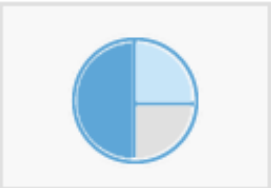
Security

Credits ?

Manage and control expenditures by crafting a budget that assigns a flexible allocation of credits to some or all organization members. An allocation of any amount can be assigned to your members one at a time or as part of a bulk operation. Allocations for members may be modified at any time.

If this method does not meet your needs you can revert to solely making use of the default organization-wide credit monitoring strategy.

Credit Budgeting and Allocation



Check the checkbox below to budget credits. Once you have enabled the credit budgeting tools you can set allocations for one or more members by clicking the button that will appear below. You can also set the allocations in the Action menu associated with an individual member in the Organization page Members grid.

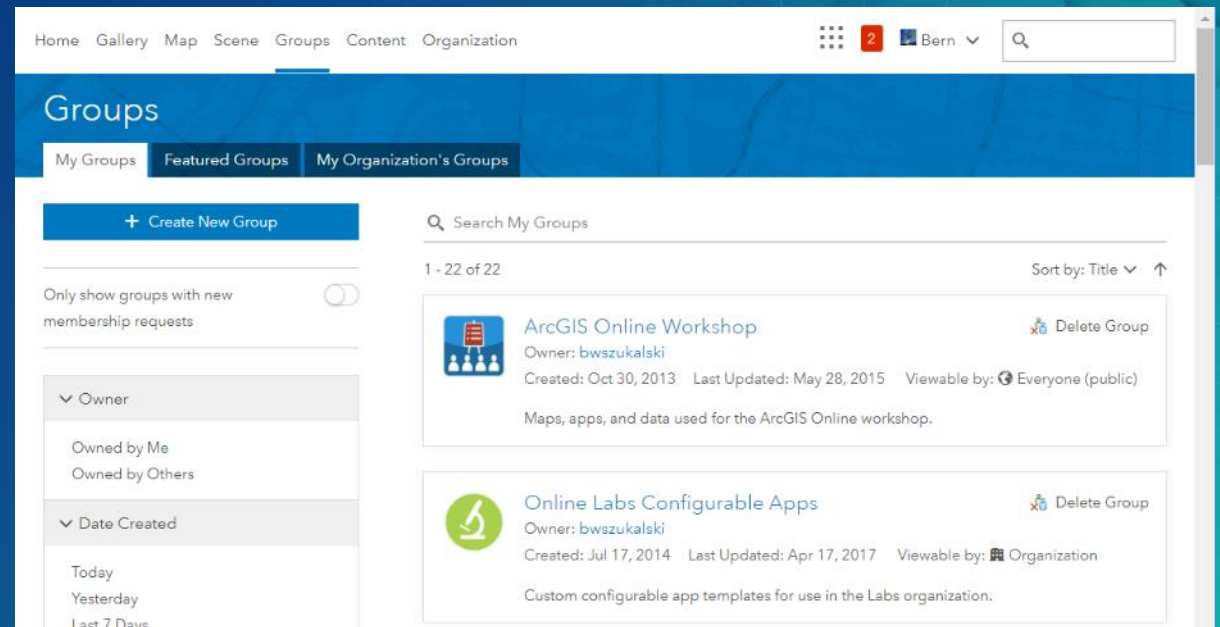
☒ Enable credit budgeting tools

SET DEFAULT ALLOCATION

MANAGE BUDGET

Groups are building blocks

- For your organization
 - Basemaps, configurable apps
 - Galleries, featured content
 - Public galleries
- For members and their work
 - Mirror organization structure
 - Support organization projects, workflows, and initiatives



More details on groups later...

The first impression

- Appealing home page
- Featured gallery, with branding
- Featured links and resources
- Help and how-to
- Links to city website and Open Data

✓ *Not necessarily for public access*

The screenshot shows the MapIT Minneapolis website. At the top is a header with the title 'MapIT Minneapolis' and a city skyline graphic. Below the header is a featured gallery with four application tiles: 'Dangerous Dogs Map', 'Rental Housing in Minneapolis', 'Vacant & Condemned Properties', and 'Good Cause Restriction of Additional Rental Licenses'. The main content area has a welcome message: 'Welcome to MapIT Minneapolis! The City's enterprise mapping platform'. It includes a paragraph about the platform's purpose and a list of features represented by icons: 'Ask A Question', 'Create A Map', 'Map Data in Excel', 'Add Authoritative Content', 'Analyze Your Data', 'Enrich Your Data', 'Share With A Group', 'Share Your Story in a Web Application', and 'Embed Your Map in a Website'. At the bottom, there are two buttons: 'opendataminneapolis' and 'Minneapolis GIS', and a small link icon in the bottom right corner.

MapIT Minneapolis

Application
Dangerous Dogs Map

Application
Rental Housing in Minneapolis

Application
Vacant & Condemned Properties

Application
Good Cause Restriction of Additional Rental Licenses

Welcome to MapIT Minneapolis!
The City's enterprise mapping platform

This is your gateway to intelligent maps, focused applications and other "geoinformation" for Minneapolis. Answering the "where" question for any project, initiative or important decision is now easy for everyone!

You can use this portal to access maps, information, analytical tools, and even make your own maps. MapIT Minneapolis includes City maps and data along with map data from other sources to help you use the power of maps to make informed decisions.

Ask A Question

Create A Map

Map Data in Excel

Add Authoritative Content

Analyze Your Data

Enrich Your Data

Share With A Group

Share Your Story in a Web Application

Embed Your Map in a Website

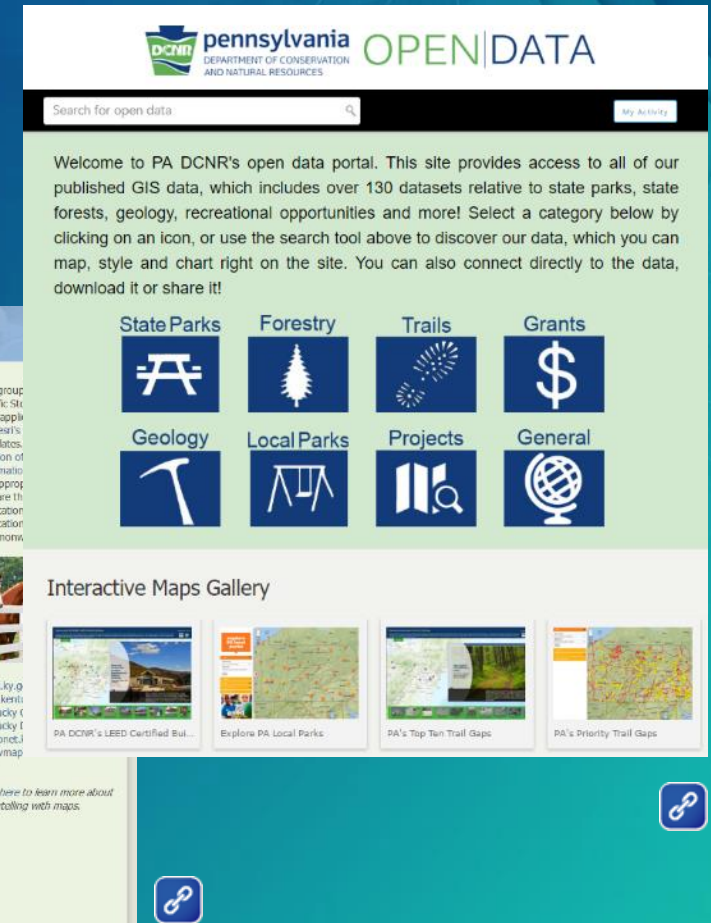
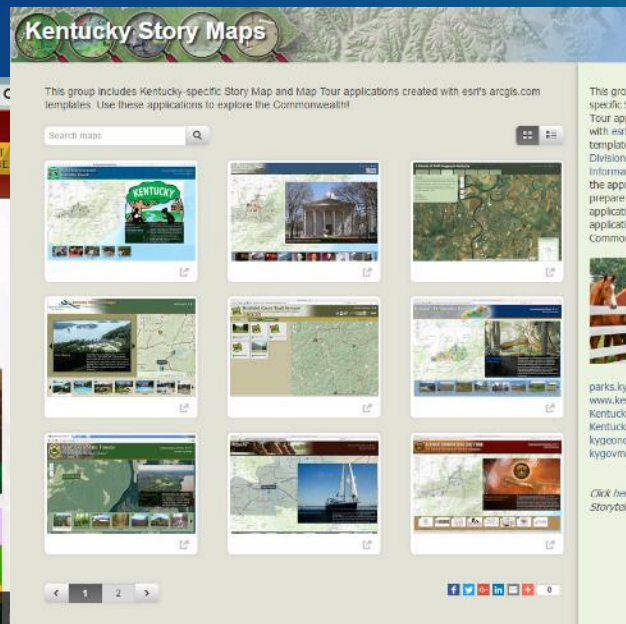
For more information on how to use the mapping portal, be sure to:

- check out the [help](#) documentation;
- get the latest information about ArcGIS Online; and
- contact GIS support staff.

opendataminneapolis Minneapolis GIS

Other ways to deliver access to your content

- Embed maps and apps
- Group gallery apps & ribbons
- Open Data for ArcGIS



ArcGIS Solution templates for organizations

- Tailored to specific domains
- Follow best practices & trends
- Include:
 - Platform (ArcGIS organization) configurations
 - Configurable apps and map resources
 - Community



Local Government



State Government



Emergency
Management



Water



Electric



Gas



Defense

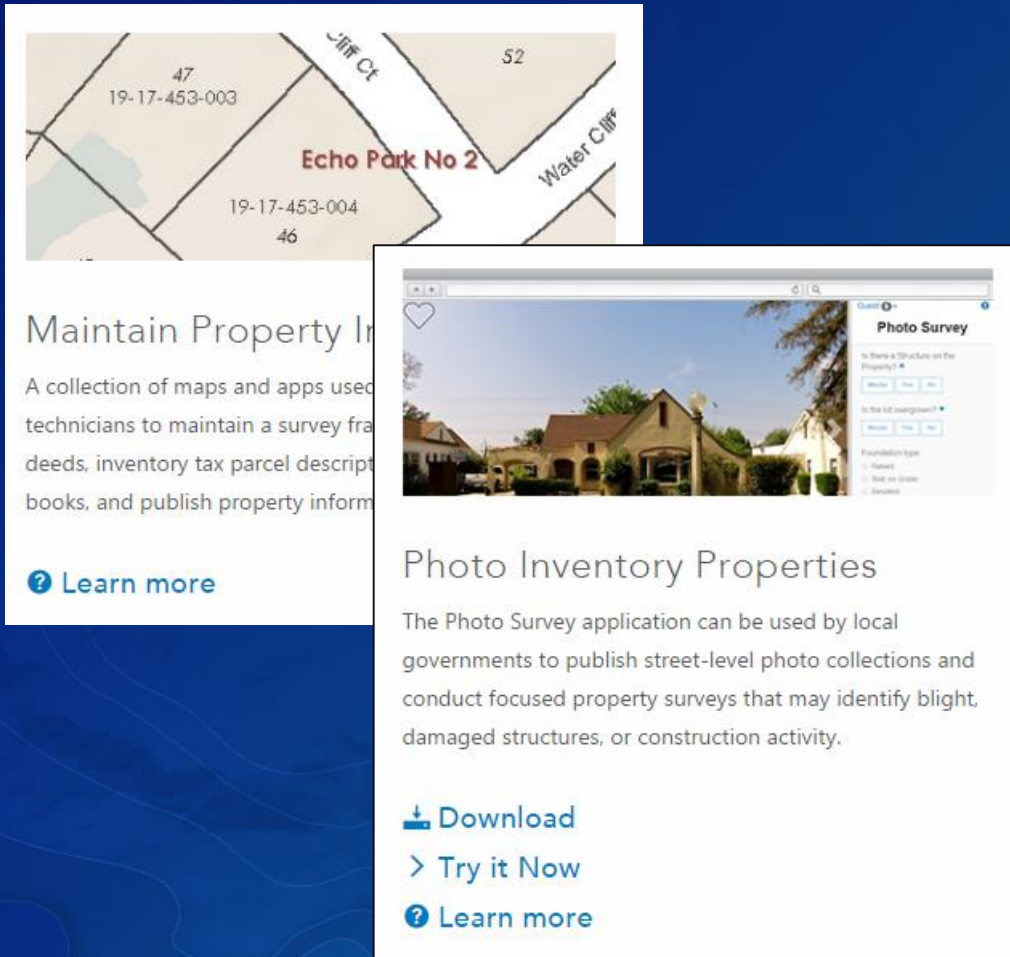


Telecommunications



Parks & Gardens

Example: ArcGIS for Local Government



Maintain Property Information

A collection of maps and apps used by technicians to maintain a survey framework, inventory tax parcel descriptions, deeds, inventory tax parcel descriptions, books, and publish property information.

[? Learn more](#)

Photo Inventory Properties

The Photo Survey application can be used by local governments to publish street-level photo collections and conduct focused property surveys that may identify blight, damaged structures, or construction activity.

[Download](#)

[Try it Now](#)

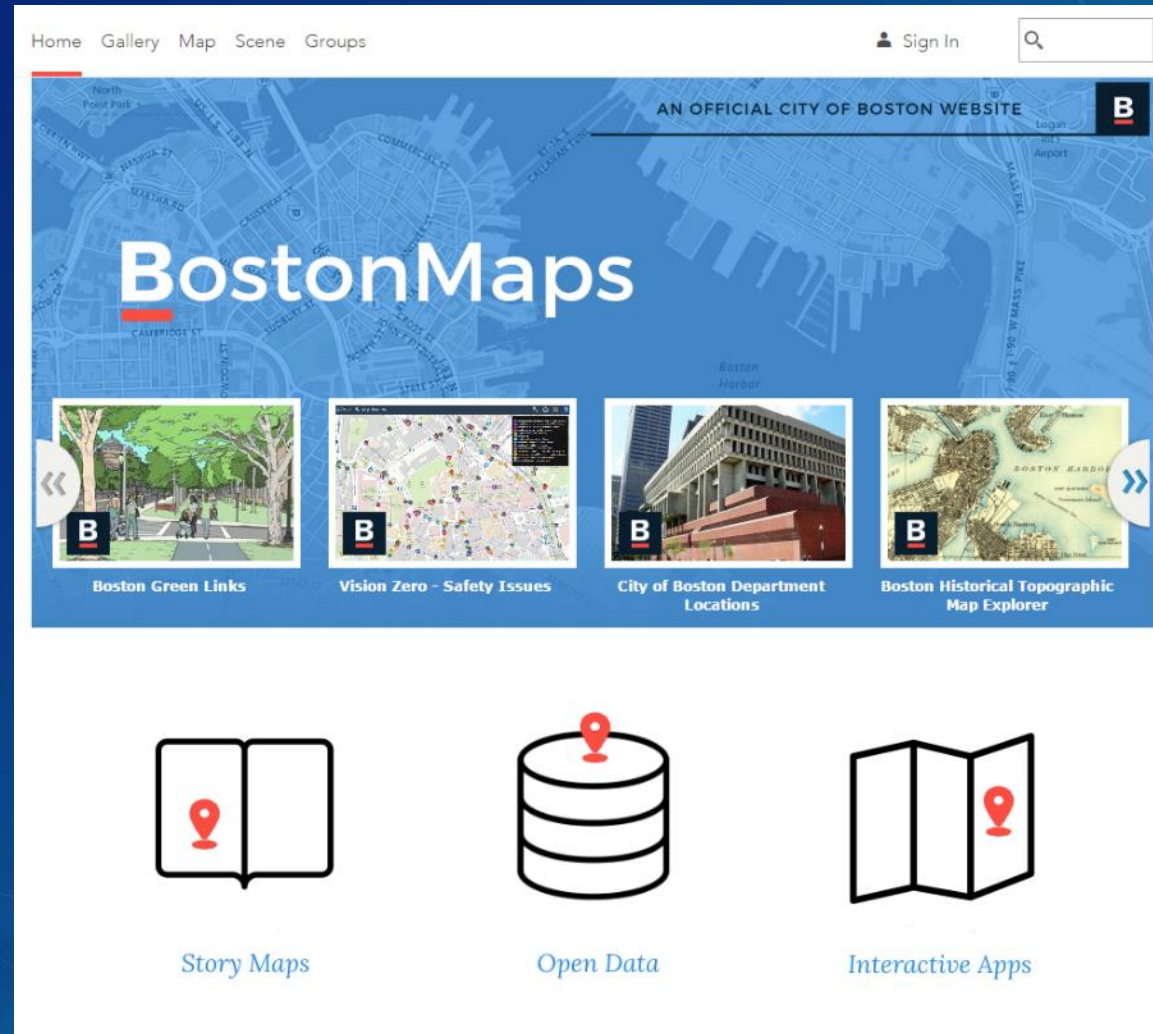
[? Learn more](#)



Note information model requirements



Example: Boston Maps



DISCUSSION & DEMONSTRATION

3

Establish your brand

A EASILY RECOGNIZED VISUAL IDENTITY

Jeff

4

What is a brand?

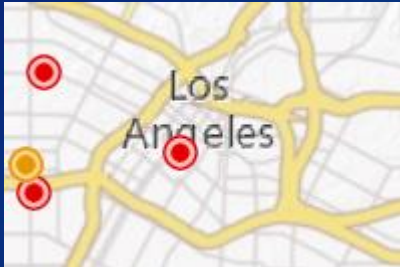
brand

/brand/

noun

- Unique design, sign, symbol, words, or a combination.
- Creates an image that identifies a product and differentiates it.
- The image becomes associated with a level of credibility, quality, and satisfaction in the consumer's mind.

Organization visual branding

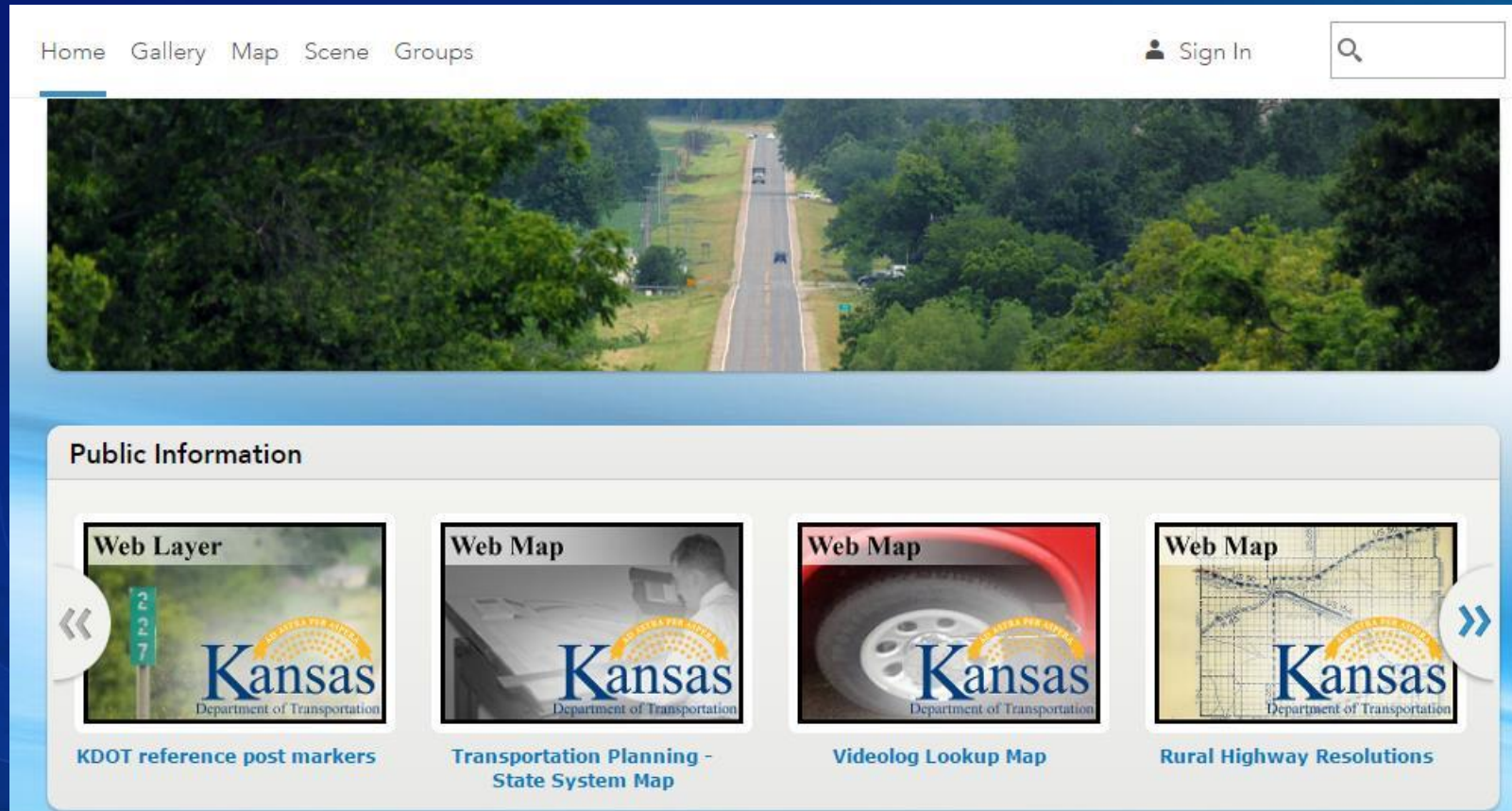


or




?

Organization visual branding



Organization profile






Montana State Library

The Montana State Library, Geographic Information, develops and maintains an extensive collection of Montana's geographically referenced information about the cultural and natural resources for the state. Visit: <http://geoinfo.msl.mt.gov/> | Phone: 406-444-5354

[Profile](#) [Items](#) [Groups](#)

or




KYTC GIS

This user has not provided any personal information.

?

Organization profile

Use for public, authoritative content



WEB MAP


Sienna Hills Parcel Status Map

Web Map by **UtahSITLA**

Official State of Utah School and Institutional Trust Lands Administration Parcel Status of lots within Sienna Hills subdivision

Last Updated: Mar 8, 2017 Created: Oct 23, 2013

★★★★★ (ratings: 0) views: 704



WEB MAP

WRI Projects with SITLA Contributions FY 16

Web Map by **UtahSITLA**

FY 2016 Watershed Restoration Initiative Projects with SITLA contributions

Last Updated: Mar 16, 2017 Created: Jan 20, 2016

★★★★★ (ratings: 0) views: 134




State of Utah Trust Lands Administration - GIS

This is the official GIS Portal for online maps, information products and GIS data published by the State of Utah School and Institutional Trust Lands Administration (SITLA). You may contact us directly by EMAIL sla-gis@utah.gov, PHONE 801-538-5100 or WEB <http://trustlands.utah.gov/>

[Profile](#) [Items](#) [Groups](#)

Organization profile

Use for public, authoritative content




Neighborhoods

Feature Layer by [City_of_Minneapolis](#)

City of Minneapolis Neighborhoods boundaries.

Last Updated: Dec 2, 2015 Created: Jun 28, 2012

★★★★★ (ratings: 0) views: 206876



City Boundary

Feature Layer by [City_of_Minneapolis](#)

The official boundary of the City of Minneapolis.

Last Updated: Nov 21, 2016 Created: Mar 9, 2012

★★★★★ (ratings: 0) views: 243551



Minneapolis GIS

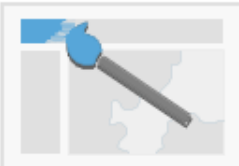
This is the official City of Minneapolis account. Data published from this account is maintained by City of Minneapolis Employees and published by the City of Minneapolis GIS Team. The City of Minneapolis GIS office can be reached by phone at (612) 673-2431 or by email at gis@minneapolismn.gov.

[Profile](#) [Items](#) [Groups](#)

Organization shared theme

- Apply brand colors and logo to information products
 - Configurable apps, Story Maps, Web AppBuilder, Open Data sites


Shared Theme





Use the shared theme to apply your organization's brand colors and logo to information products created from configurable app templates, Story Maps, Web AppBuilder, and to your Open Data sites. Define the shared theme of your organization using the color pickers and logo options below.

Header: [Sample Text](#)

Text Color:





#005CE6 

DISCUSSION & DEMONSTRATION

4

Organize your organization

ESTABLISH A FOUNDATION FOR SUCCESS

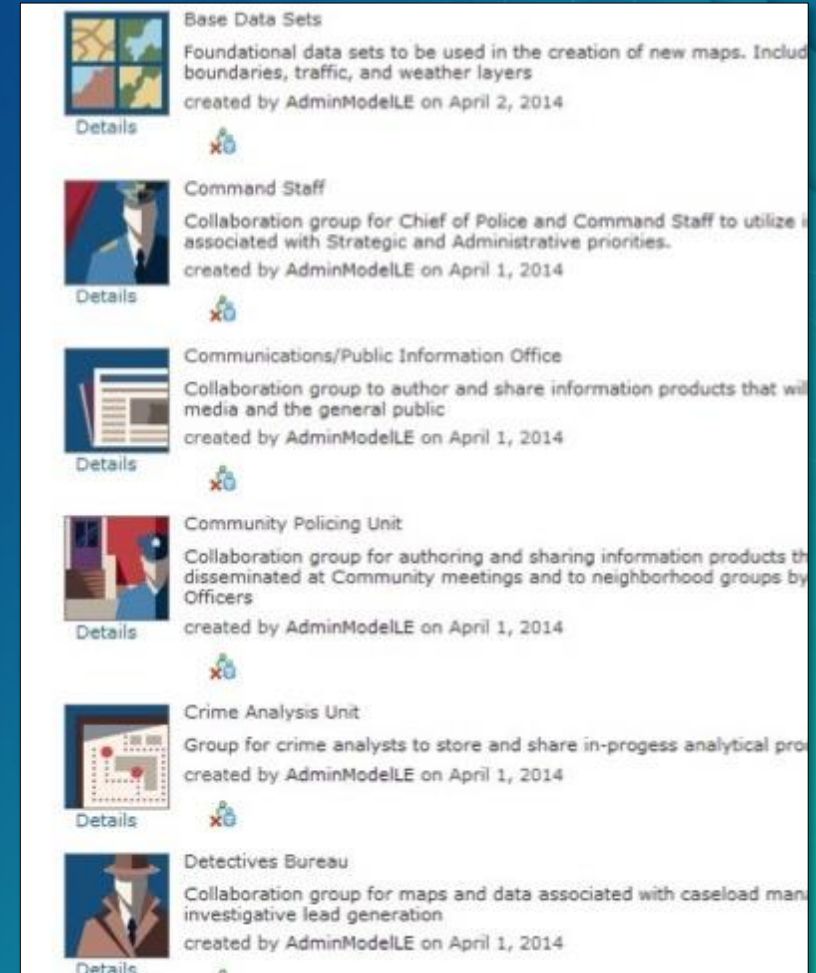
Bern

5

Groups are a framework

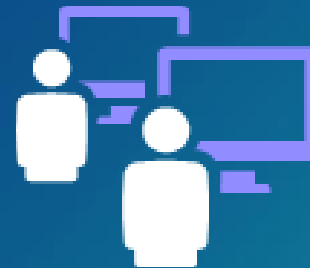
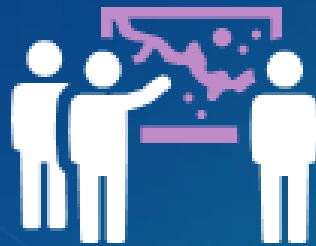
Supporting departments, projects, and workflows

- Solution templates
- Org chart



Groups help organize activities

- Access to resources
- Collaboration within the organization
- Collaboration between organizations



Group best practices

- Use consistent visual cues
- Intuitive naming conventions
- Add useful descriptions
- Pre-populate with content
- Auto-assign members



Create a destination

The screenshot displays a list of groups in the ArcGIS Groups interface. Each group entry includes a thumbnail icon, a title, a description, and a 'Details' link. The groups are:

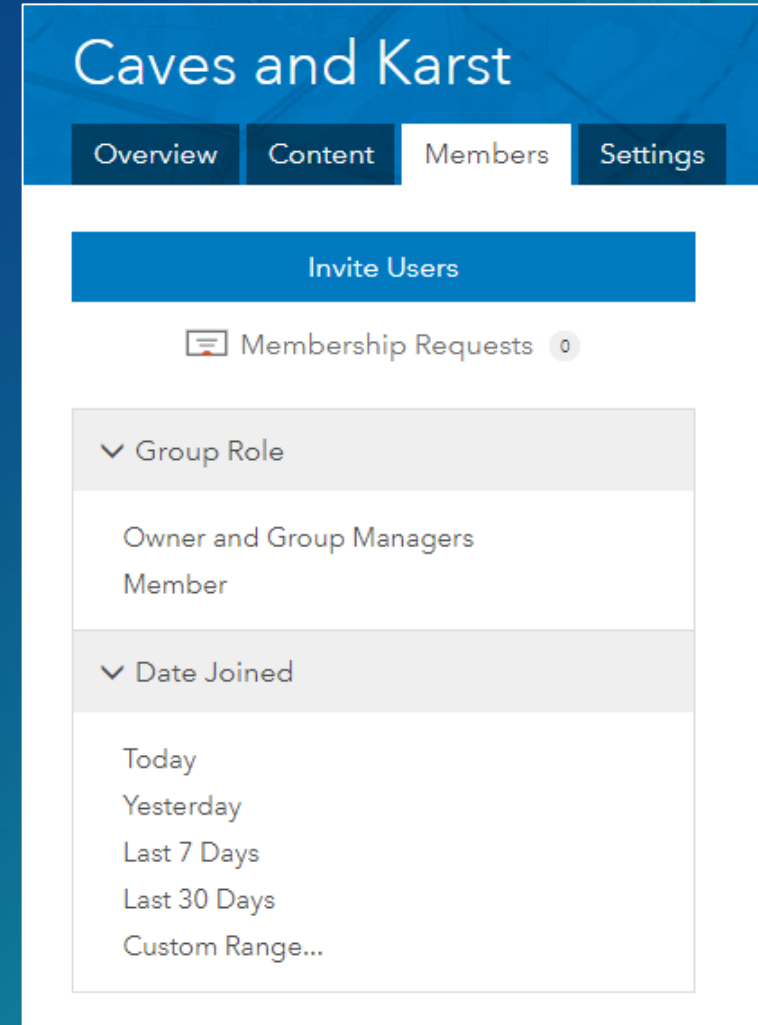
- Boston**: Boston maps, apps, and more. owned by bszukalski_can on June 3, 2016. Icon: Green wireframe city skyline.
- Chicago**: City of Chicago maps, apps, and more. owned by bszukalski_can on June 3, 2016. Icon: Green wireframe city skyline.
- Civic Analytics Network Featured Gallery**: Maps and apps featured on the Civic Analytics Net. owned by bszukalski_can on April 28, 2016. Icon: Red wireframe city skyline.
- Civic Analytics Network Open Data**: A group containing content used to support the C. owned by bszukalski_can on June 8, 2016. Icon: Red wireframe city skyline.
- Economic**: Economic opportunity maps, apps, and more. owned by bszukalski_can on June 3, 2016. Icon: Purple wireframe city skyline.
- Health**: Health related maps, apps, and more. owned by bszukalski_can on June 7, 2016. Icon: Purple wireframe city skyline.
- Homelessness**: Homelessness maps, apps, and more. owned by bszukalski_can on June 7, 2016. Icon: Purple wireframe city skyline.
- Public Safety Resilience Featured**: Law enforcement and fire rescue teams n and prepare for responding to incidents. U learn how to better equip your first respon and tools they need to be ready when call created by climate_resilience on April 3, 2. Icon: Yellow and purple shield with a flame.
- Resilience Featured Maps & Apps**: Group containing maps and apps appearin ribbon at resilience.maps.arcgis.com created by climate_resilience on March 7, Icon: Green globe.
- Resilience Gallery Maps & Apps**: Group containing maps and apps appearin resilience.maps.arcgis.com created by climate_resilience on March 7, Icon: Green globe.
- Resilience Public Gallery**: Group containing maps and apps appearin created by climate_resilience on March 7, Icon: Green globe.
- Transportation and Infrastructure Resilience**: Thriving communities need strong transportati infrastructure. Use these resources to learn ho systems more resilient. created by climate_resilience on March 18, 201. Icon: Blue and purple building and truck.

Each group entry has a 'Details' link and a small icon representing the group's theme.



Group affiliation

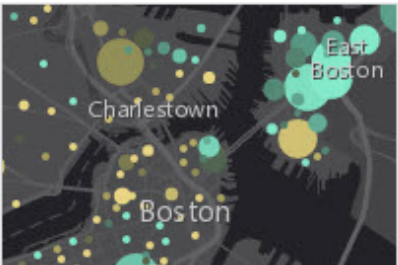
- Groups can be:
 - Private (only owner and members can find)
 - Organization only
 - Public
- Membership:
 - Users can request membership
 - Admission by invite only
 - Anyone
- Contributors:
 - Only group owner
 - All members of the group



Add items to groups

Boston Income and Growth


[Overview](#)[Data](#)[Visualization](#)




★ Add to Favorites

This layer shows a comparison of personal income growth and unemployment in Boston.

by [lisa_berry](#)
Last Modified: November 17, 2015

 Feature Layer

[Open in Map Viewer](#) [Open in Scene Viewer](#)[Open in ArcGIS Desktop](#)[Share](#)

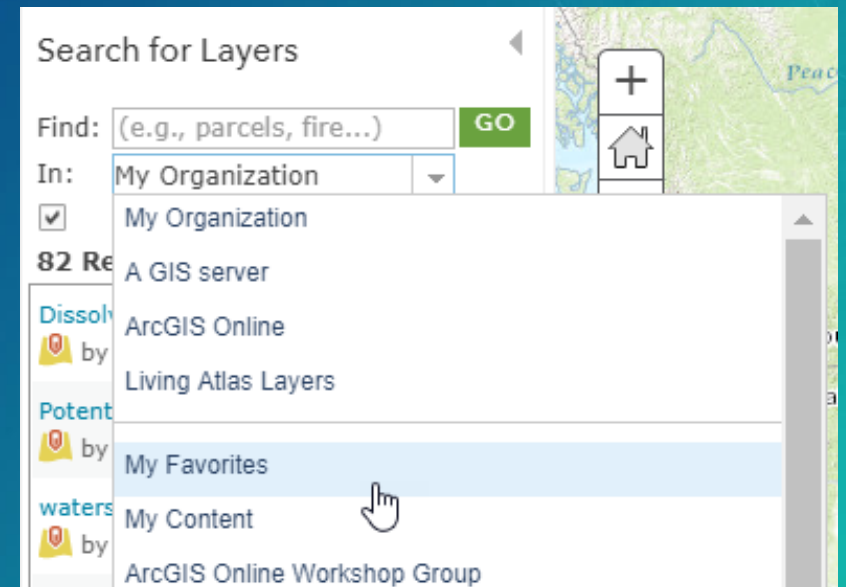
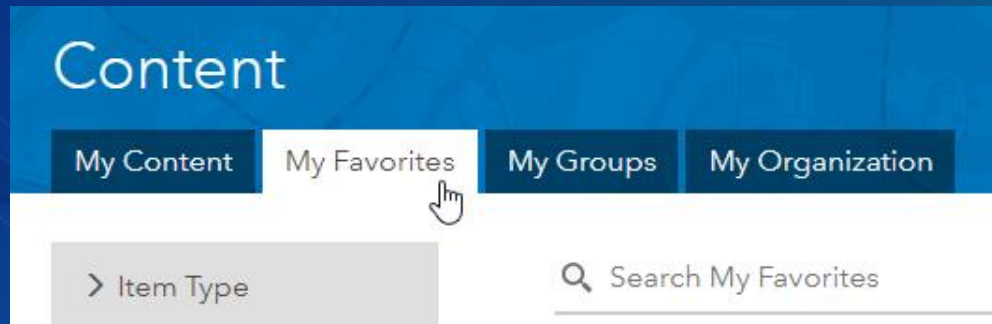
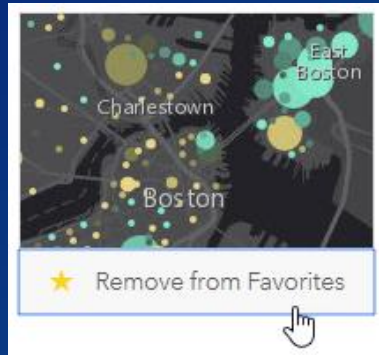
Add to your
favorites

Share in a
group you own

Favorites

For often used items, and your favorite maps and apps

- Easy to find when authoring maps or story maps



DISCUSSION & DEMONSTRATION

5

Add useful content

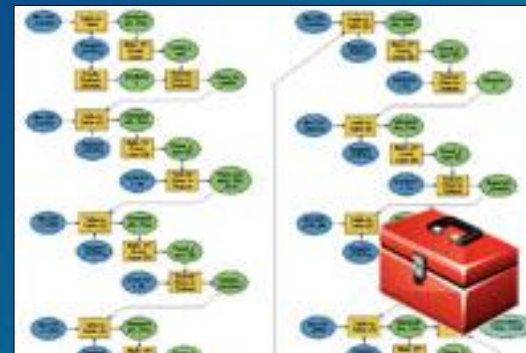
THE FUEL FOR YOU ORGANIZATION

Jeff

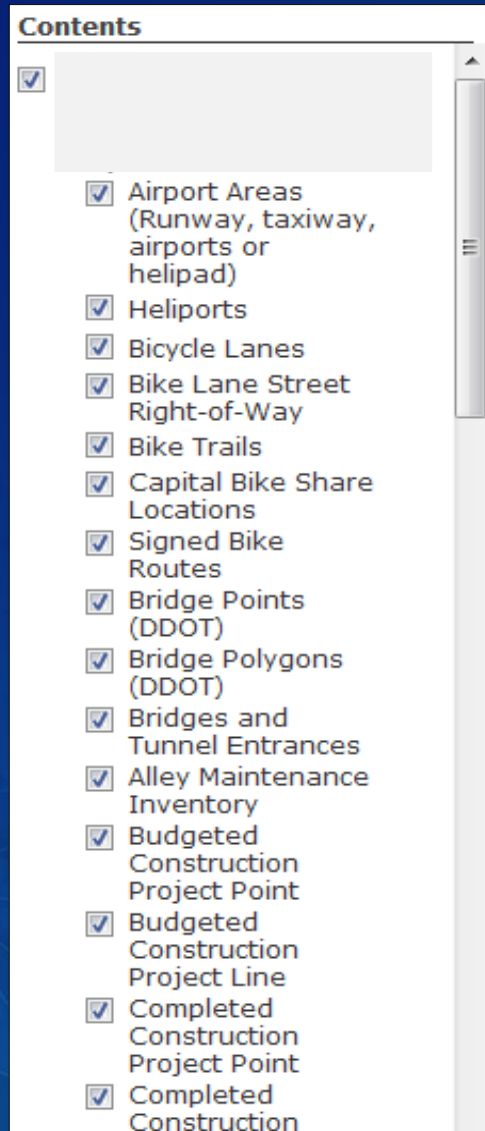
6

Add existing content

- ArcGIS services
- Shapefiles, spreadsheets, map templates, and more...
- Create new hosted layers as needed

[illegible]

Optimize for use



- ☒ Bicycle Lanes
- ☒ Bike Lane Street Right-of-Way
- ☒ Bike Trails
- ☒ Capital Bike Share Locations
- ☒ Signed Bike Routes

- ☒ Bridge Points (DDOT)
- ☒ Bridge Polygons (DDOT)
- ☒ Bridges and Tunnel Entrances

- ☒ Budgeted Construction Project Point
- ☒ Budgeted Construction Project Line
- ☒ Completed Construction Project Point
- ☒ Completed Construction Project Line
- ☒ Current Construction Project Point
- ☒ Current Construction Project Line

Registering your ArcGIS services

Add Item

Add an item from your computer or reference an item on the Web.

The item is: On the web

☒ ArcGIS Server web service ☐ KML
☐ OGC (WMS) ☐ Document

URL:

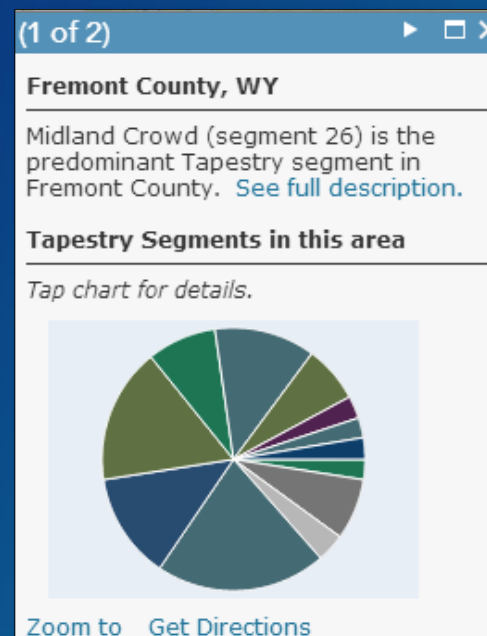
Supported Items

Title:

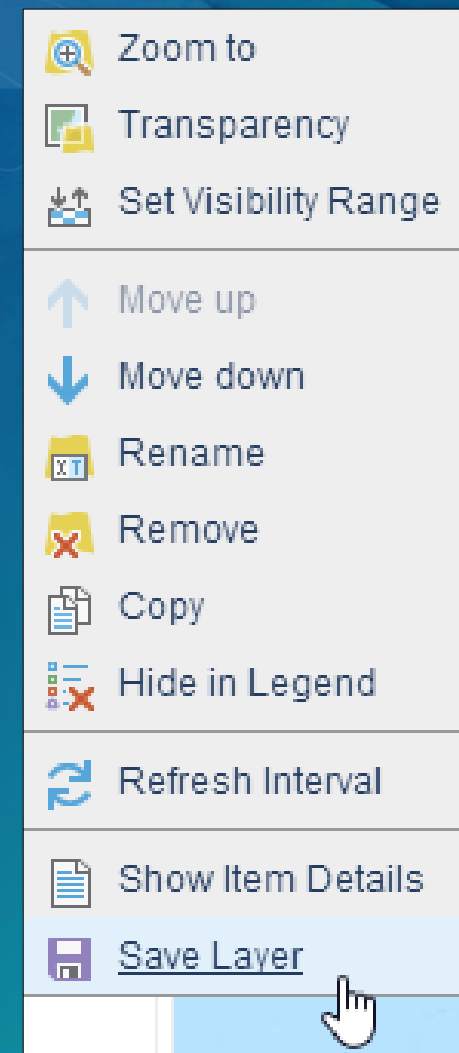
Tags: United States x 2010 x population x demographics x
[Add tag\(s\)](#)

ADD ITEM CANCEL

(1) Add service



(2) Configure



(3) Save layer



Prevent deletion

General Settings

Save

Cancel

Delete Protection

☒ Prevent this item from being accidentally deleted.

Delete Item

Feature layer views

- Common feature layer, multiple user *views* onto the layer

Public



- Add new sightings to the map
- Only view sightings that have been reviewed by city staff

City Staff (field)



- Add new sightings to the map
- View sightings regardless of their review status

City Staff (reviewers)



- Update and delete sightings when reviewing (duplicates, fake reports)
- View only sightings that are pending review

DISCUSSION & DEMONSTRATION

6

Create great geoinformation building blocks

THE KEY TO SELF-SERVICE MAPPING
AND SERVING THE NEEDS OF OTHERS

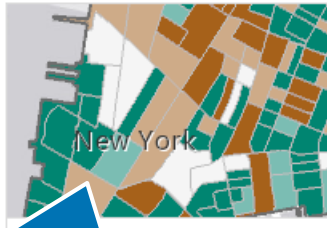
Bern

7

After you save and before you share...

2015 Clothing/Accessory Store Market Opportunity in the United States

Overview



Favorites

This map shows opportunity within the clothing/accessory market in the U.S. in 2015, by state, county, ZIP Code, tract and block group. ArcGIS Online subscription required.

Premium Content

by esri

Last Modified: April 30, 2015

Web Map

Open in Map Viewer

Concise Summary

top

Share

Good Thumbnail

Description

This map shows the market opportunity for clothing and accessory stores in the U.S. in 2015 in a multiscale map (by state, county, ZIP Code, tract and block group). The map uses the Location Quotient/Surplus Factor, an indexed value that represents opportunity (leakage), saturation (surplus), or balance within a market. This map focuses on the opportunity for clothing/accessories stores (NAICS 448)

The pop-up is configured to include the following information for each geography level:

- Count of clothing/accessory stores - NAICS 448
- Total annual NAICS 448 sales (supply)

Great Description

Details

★★★★★ 0 ratings, 150 views

2015

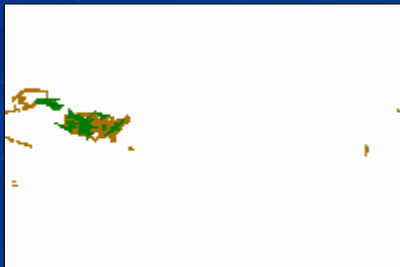
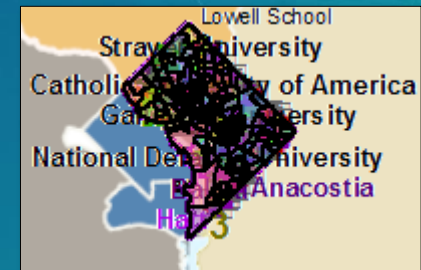
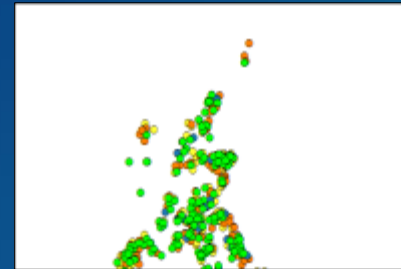
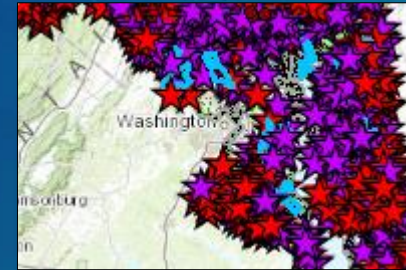
Good Tags
Usage Notes
Etc...

Owner

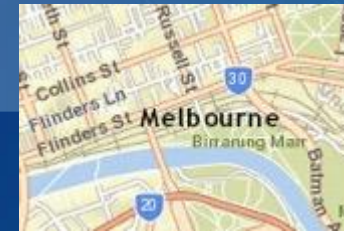


esri

Thumbnails



Better thumbnails



Location hints



Graphic hints



Content hints

Hybrid



Living Atlas Contributor App



Make your content discoverable

Flood and Hurricane Inundation Risk Map of Gloucester, MA



Map showing flood risks from hurricanes in Gloucester, MA

Web Map by climate_resilience
Last Modified: March 19, 2014

(10 ratings, 127 views)

Sign in to rate this item.

Facebook Twitter

OPEN

Description

This map displays the combined risks from flooding and hurricane inundation, focusing on low-income and low-income elderly communities. In addition to risk and hazards, a number of adaptation strategies and challenges are marked. Many impacted areas are not candidates for infrastructure aimed at mitigating flooding. Gloucester does, however, have plans in place to install a second tide gate on Mill Pond, which could alleviate some flooding in that area. Other areas are marked that have no current adaptation strategies and that are significantly vulnerable, due to their demographics. Schools and community centers are also marked as potential relief centers following extreme weather events. To meet the challenges of adapting to climate change induced coastal flooding, Gloucester should consider putting policies into place that address the needs of environmental justice areas. These might include establishing a relief fund for low income households, educating communities in coastal flood zones of their risk, establishing community centers for post-disaster relief (taking into account where roads may become impassable). Additionally, restoring wetland habitat and not allowing rebuilding in flooded areas could enhance community resilience in the future.

Description and Tags

Online Labs Workshop - 3D

Overview Content Members Settings

Edit Thumbnail

A group containing sample maps and apps for use in ArcGIS Online workshops.

owned by bwszukalski

Invite Users

Share

Membership Requests

Description

A group containing sample maps and apps for use in ArcGIS Online workshops.

Latest Content

Visualize New Developments
by esri_3d
Last Updated: Feb 8, 2017
Created: Dec 11, 2014

Philadelphia Redevelopment
by CityEngine
Last Updated: Sep 23, 2016
Created: Sep 17, 2012

California Fourteeners Scenic
by bwszukalski
Last Updated: Oct 5, 2015
Created: Mar 5, 2015

Details

Created: October 6, 2015
Viewable by: Everyone (public)
Contributors: Only group owner and managers

Owner: bwszukalski

Tags

Groups

Gallery

Resilient Communities Featured Content

Show: All Maps Layers Apps

Search the website or visit the ArcGIS Marketplace

Sort By: Most Recent



UNISDR Resilient Cities Gallery



Transportation and Infrastructure Resilience



Public Safety Resilience Gallery



Economic Resilience Gallery



Climate Resilience Gallery



Disaster Resilience Gallery

Organization gallery

DISCUSSION & DEMONSTRATION

7

Create useful and compelling information products

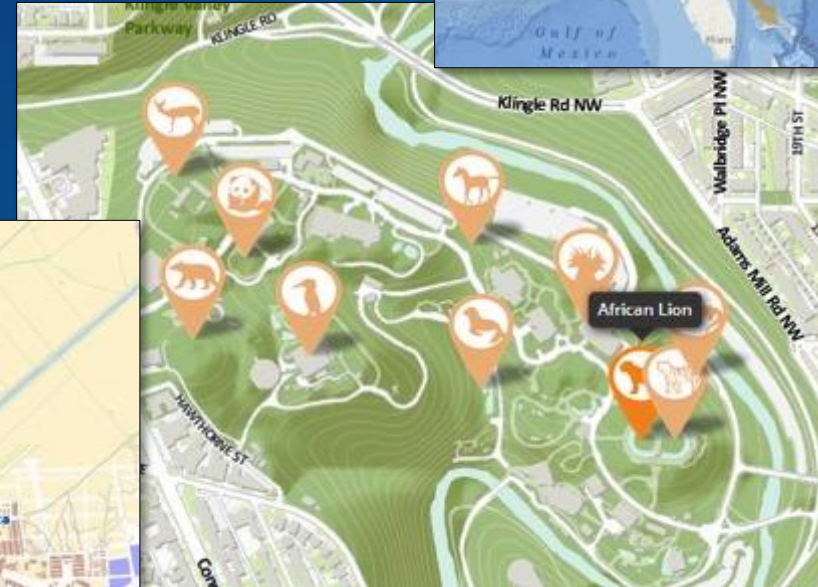
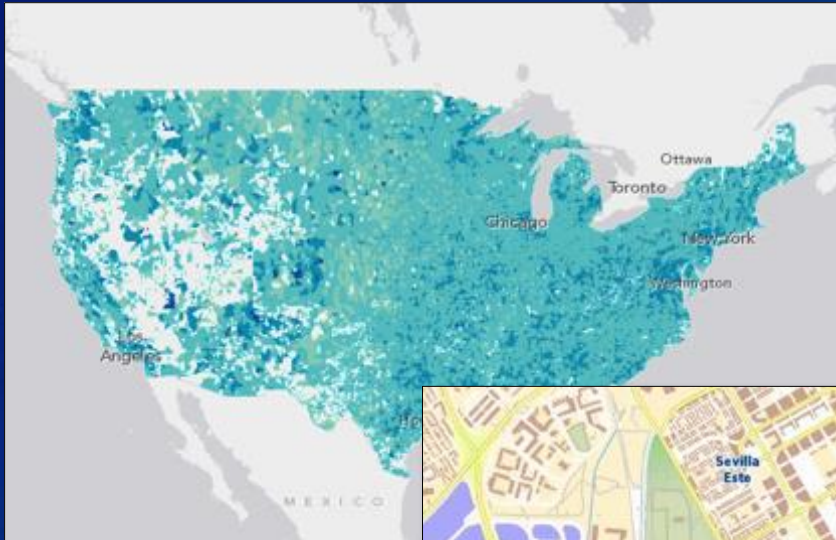
GREAT APPS TO SUPPORT WORKFLOWS AND ACCESS

Bern

8

Maps

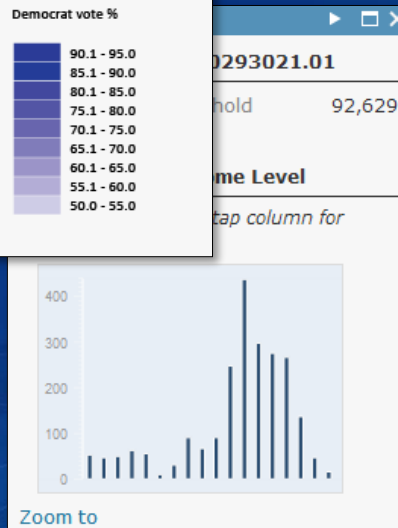
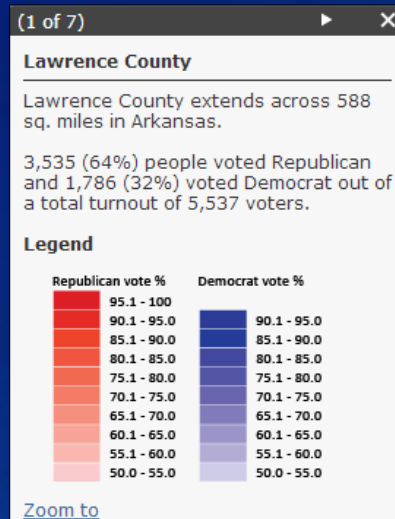
How we communicate geographically



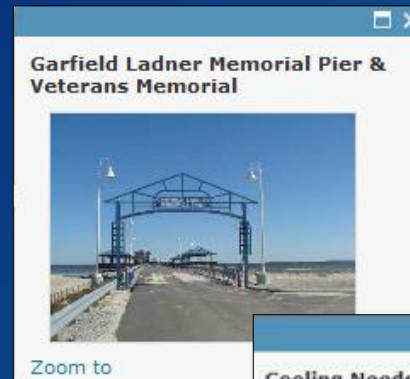
Pop-ups

Consider the entire information product

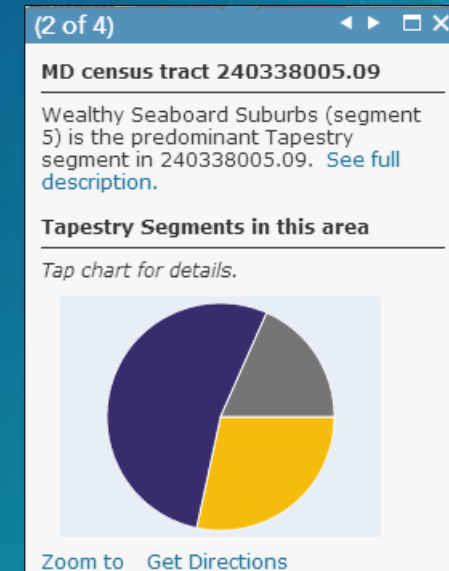
Charts



Images and Links

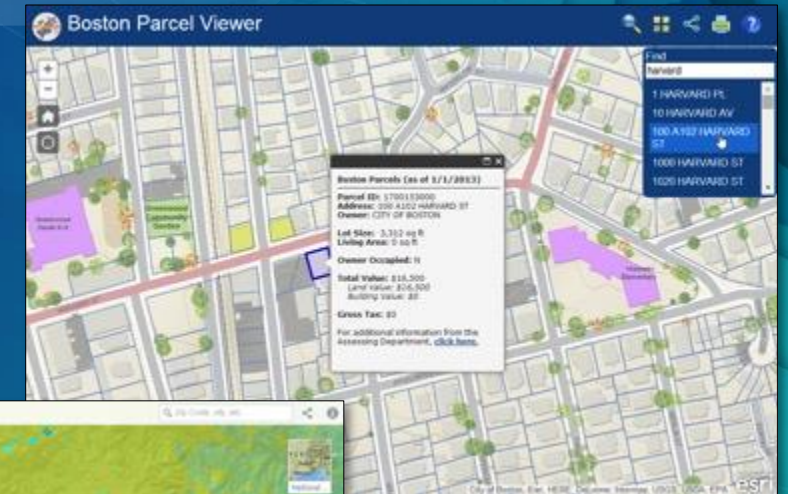
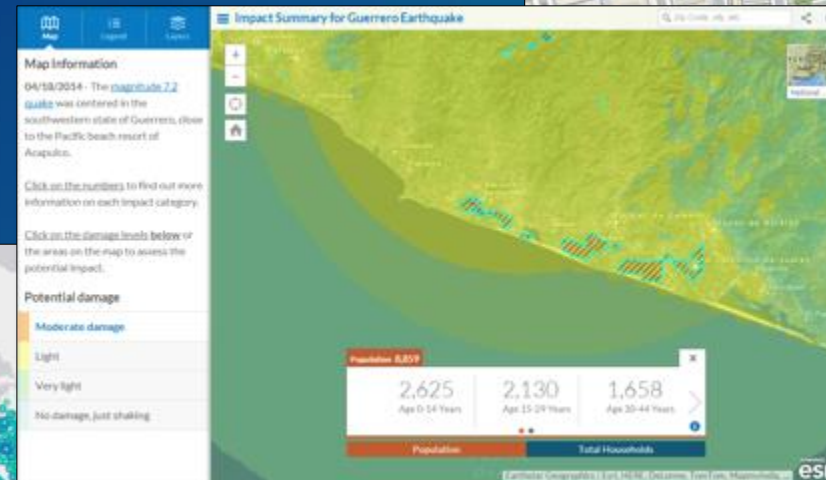
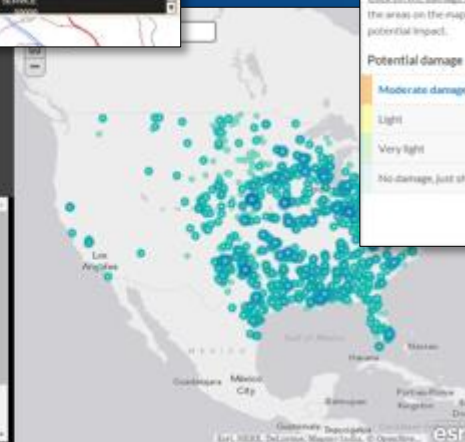
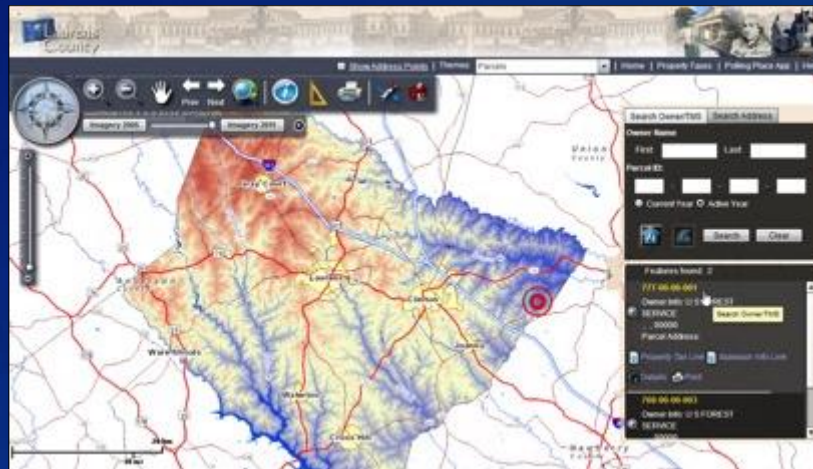


Formatted text and Charts



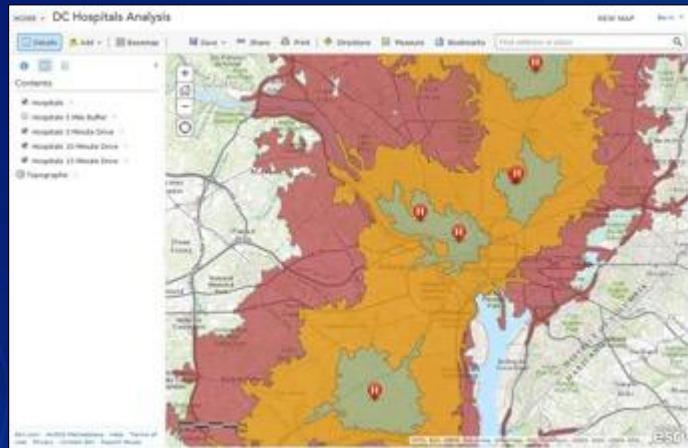
Apps

Complete the user experience

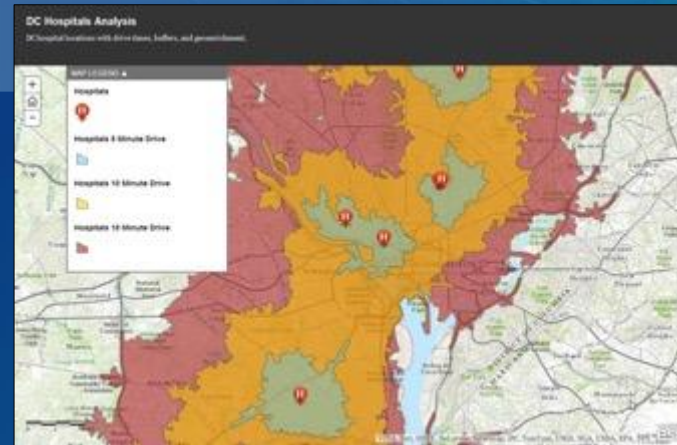


Map viewer vs. apps

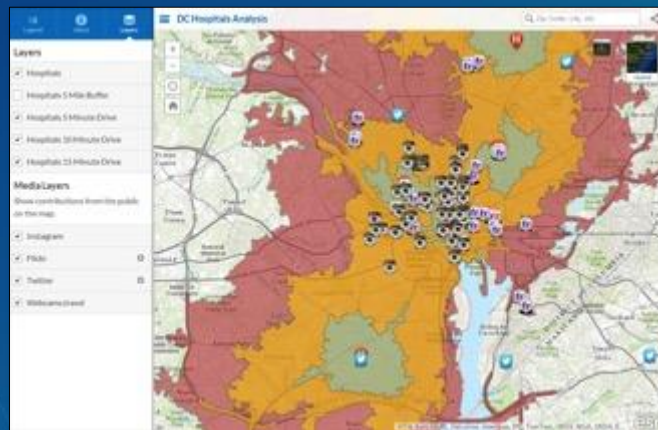
Deliver your map in the right context



Map viewer (for authoring)



Storytelling basic



Public Information



Story Map Tour

Easy to configure

GeneralThemeOptionsSearch

☐ Show popup content panel instead of popup window

☐ Display scalebar on map

Add a Locate button to the map. Note that the Locate button is only available if site is using https

☐ Display locate button on map

Toolbar Options

Select tools for the app toolbar.

Note: if the web map doesn't support the enabled capability the tool will not appear. For example if the map doesn't have bookmarks then the bookmark tool won't appear on the toolbar even if it is checked.

☒ Basemap Gallery

☒ Bookmarks

☐ Legend

☒ Map Details

☐ Measure Tool

☐ Overview Map

☒ Share Tools

☐ Add embed option to share dialog

The Layer List widget displays a list of layers in the map. The layers visibility can be toggled on and off. Optionally you can include sub layers a legend and opacity slider as part of the Layer List widget.

☒ Display layer list

☒ Include sublayers in Layer List

☒ Include legend in Layer List

☒ Include opacity slider in Layer List

Display the Editor tool and optionally add a toolbar that provides additional editing capabilities including cut, merge and reshape.

☐ Display Editor

Display the print tool and optionally display a legend on the print page and all the print layouts associated with the print service used by the template.

☒ Print Tool

Configure: Health Care Locations

Health Care Facilities

h St

Eileen Ave

Long

W 63rd St

W 64th St

E Fairview Blvd

Alpha St

Gay St

E Brett St

E Hyde Park Blvd

E 65th St

E 66th St

West Blvd

Brynhurst Ave

Hyde Park Blvd

Brynhurst Ave

W 67th St

esri

County of Los Angeles, Bureau of Land Management, Esri, HERE, ...

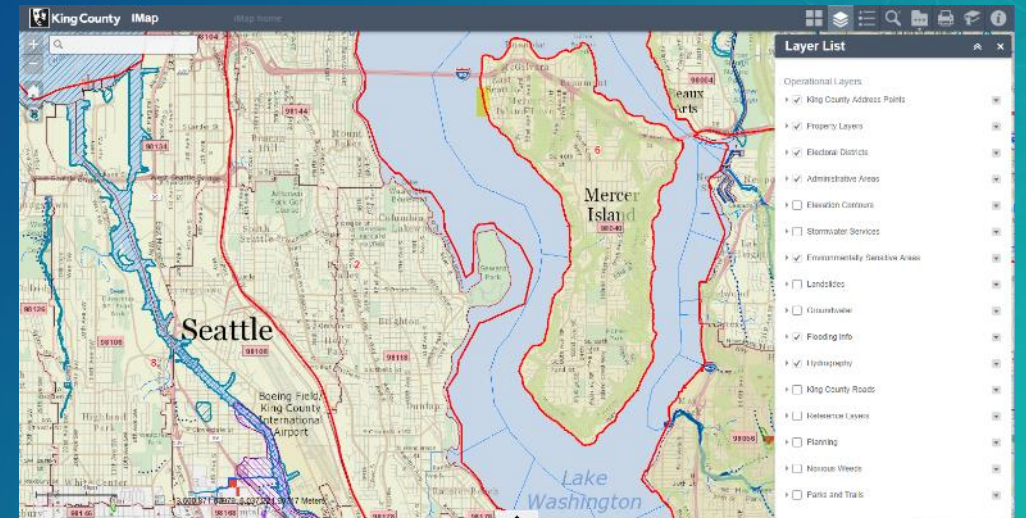
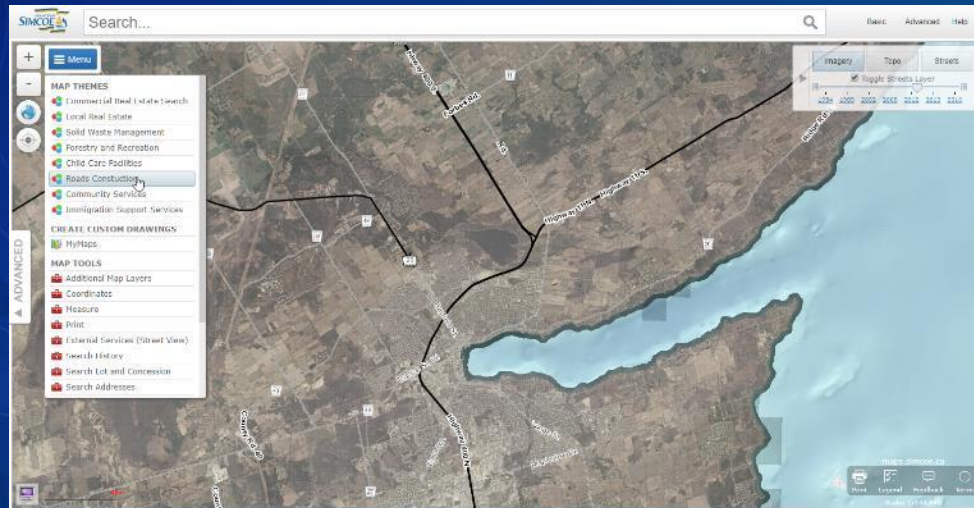
Save

Launch


Close

Web AppBuilder

- Build apps using widgets
- Easiest way to create custom configurable apps for your organization
- Developer edition



Alternative: Download source, modify and host



Basic Viewer

Presents a map in a general purpose app with a collection of essential tools including edit and print.

[CREATE WEB APP](#)

[PREVIEW](#) [DOWNLOAD](#)

[CLOSE](#)

```
C:\Users\bernie\Downloads\basic-viewer-template-master\basic-viewer-template-master\index.html - ...
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
change.log index.html
52  dojo.ready(function() {
53
54
55      i18n = dojo.i18n.getLocalization("esriTemplate","template");
56      var defaults = {
57          //The ID for the map from ArcGIS.com
58          webmap: "f5b13dbed07c46cdb783cf361833aa6b",
59          //Modify this to point to your sharing service URL if you are using the portal
60          sharingurl: "http://www.arcgis.com", //for example: "http://www.arcgis.com",
61          //The id for the web mapping application item that contains configuration info - in mo
62          //When editing you need to specify a proxyurl (see below) if the service is on a dif
63          //Specify a proxy url if you will be editing, using the elevation profile or have secu
64          proxyurl: "",
65          //cases this will be null.
66          appid: "",
67          //set to true to display the title
68          displaytitle: true,
69          //Enter a title, if no title is specified, the webmap's title is used.
70          title: "",
71          //Enter a description for the application. This description will appear in the left pa
```

DISCUSSION & DEMONSTRATION

8

Invite members and make them welcome

THE WHOLE IS COMPOSED OF MANY PARTS

Jeff

9

Invite users

1 How would you like to invite or add members to your organization?

☐ Add members automatically without sending an email.

☒ Send invitations to preestablished user names.

☐ Send invitations for existing users.

NEXT

(Pre-establish recommended)



Use enterprise logins
(Best)

Invite and establish Role

2 Preestablish new ArcGIS logins one at a time or in batch from a file.
Select any role without administrative privileges for the member to be a part of.

One at a time | **From a file**

Email:

First Name:

Last Name:

Username:

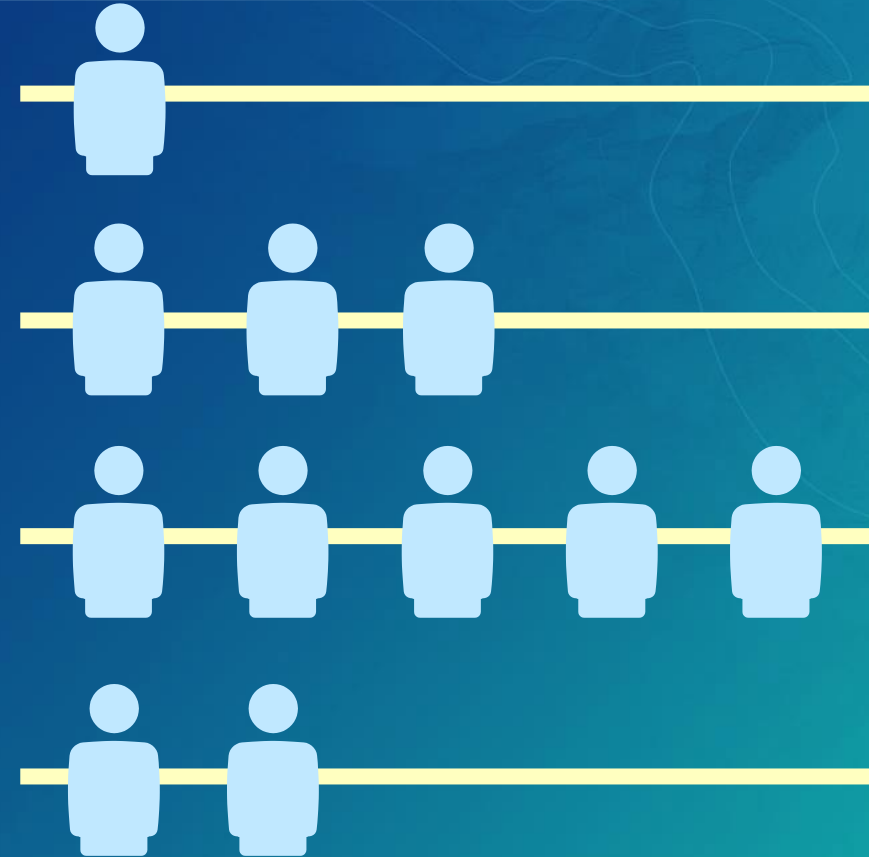
Role:

Message Member Will Receive: Bern Szukalski has invited you to join an ArcGIS Online Organization, Esri's Disaster Response Program.

BACK **INVITE ANOTHER** **REVIEW INVITATION(S)**





Organization roles

- Built-in roles
 - Administrator
 - Publisher
 - User
- Custom roles
 - Based on templates
 - Created by an administrator
- Credit limits



Level 1 vs. Level 2

- Level 1 – can view content, but cannot create, own, or share content.
- Level 2 – can view, create, and share content.

Level	Role	Action
2	Administrator	
2	Publisher	
2	Publisher	
1	Viewer	



Levels, Roles, and Privileges

- Viewer – Level 1 or Level 2
- User – Level 2
- Publisher – Level 2
- Administrator – Level 2
- Custom roles – limited by Level



Ensure Good User Profiles



Carrie Tropasso

Carrie Tropasso is the Assistant Director of GIS and main story map and collector app developer for the Pennsylvania Department of Conservation and Natural Resources (DCNR). She has a master's degree in Geographic Information Service and has over 17 years of GIS experience in state and local government and private consulting.



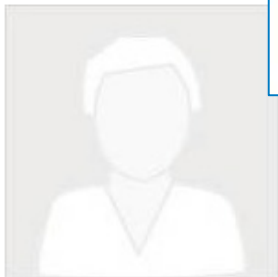
San

Organization: Geological Survey of Alabama, Geologic Investigations Program; sebersole@gsa.alabama.gov; Specialties: Geology, GIS, remote sensing, natural hazards



Jim Herr

This account is used by Jim Herries to publish maps for specific projects and atlases. Contact Jim at jherries@esri.com with questions about maps and packages shared by this account.



This user has not provided any personal information.

Profiles

Bern's Profile



Click thumbnail to change image.

First Name

Bern

Last Name

Szukalski

New Email

bszukalski@esri.com

Confirm Email

Username

bwszukalski

Bio

Profile for Bern Szukalski at the ArcGIS Online Laboratory
https://bwszukalski.maps.arcgis.com
;Phone: 909 793-2853 x1315;Mobile: 909 499-0584;Twitter: @bernszukalski;Visit Esri at: http://www.esri.com

Link Your ArcGIS Accounts

Manage Linked Accounts

Password

CHANGE PASSWORD

Security Question

What city were you born in?

Answer

Who can see your profile?

☒ Everyone (public)

☐ Organization

☐ Private

Language

English-English

Region

United States

Units

US Standard

Level

2

Role

Administrator

Organization

ArcGIS Online Labs

Organization URL

https://bwszukalski.maps.arcgis.com

Licensed Products

ArcGIS Pro

GeoPlanner for ArcGIS

ArcGIS Community Analyst

ArcGIS Business Analyst

Thumbnail, name
email


Your Bio

Profile Visibility

Licenses

Groups support users, project, workflows


Pre-populate groups with meaningful content



2014 West Africa Ebola Outbreak

Esri Disaster Response Program ArcGIS Online Group designated for sharing services, maps and applications related to the current West Africa Ebola outbreak. owned by jshoultzDRP on August 11, 2014


[Details](#)



Gallery - Esri Disaster Response Program

This is the Group used to feature applications produced for disaster response. owned by STRicheDRP on June 18, 2012


[Details](#)



Application Template Group - Esri Disaster Response Program

This is a group used for deploying customized web mapping application templates. owned by jpedderDRP on January 30, 2014


[Details](#)



Featured Applications

This gallery highlights featured maps and applications related to Humanitarian. owned by Esri_DisasterResponse_DM on September 13, 2012

[Details](#)




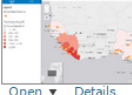


2014 West Africa Ebola Outbreak

[EDIT](#) [INVITE USERS](#) [MEMBERSHIP REQUESTS](#) [CHANGE OWNER](#) [DELETE GROUP](#) [JOIN THIS GROUP](#)

Esri Disaster Response Program ArcGIS Online Group designated for sharing public examples of feature services, maps and applications related to the current West Africa Ebola outbreak. ▼

Group Content

	Title	Owner	Rating	Views	Date
All Results					
Maps					
Layers					
Scenes					
Apps					
Tools					
Files					
<input type="checkbox"/> Show ArcGIS Desktop Content					
	Ebola Outbreaks 1976-2015 A map of previous/current Ebola Outbreaks from 1976 to 2014 Web Mapping Application by BFlanagan_TS Last Modified: January 23, 2015 ★★★★★ (10 ratings, 1 comment, 276,415 views)				Open Details
	Ebola home Web Map by BFlanagan_TS Last Modified: January 12, 2015 ★☆☆☆☆ (0 ratings, 0 comments, 247,726 views)				Open Details
	West Africa Ebola Outbreak Web Map by DirectReliefServices Last Modified: May 28, 2015 ★☆☆☆☆ (0 ratings, 0 comments, 167,715 views)				Open Details
	West Africa Ebola Outbreak The current case load and death totals for the West Africa Ebola Outbreak in Guinea, Liberia, and Sierra Leone along with Direct Relief partner facilities. Web Mapping Application by DirectReliefServices Last Modified: February 9, 2015				Open Details

DISCUSSION & DEMONSTRATION

9

Connect to enterprise systems and workflows

GIS IS A PART OF YOUR GREATER ENTERPRISE

Jeff

10

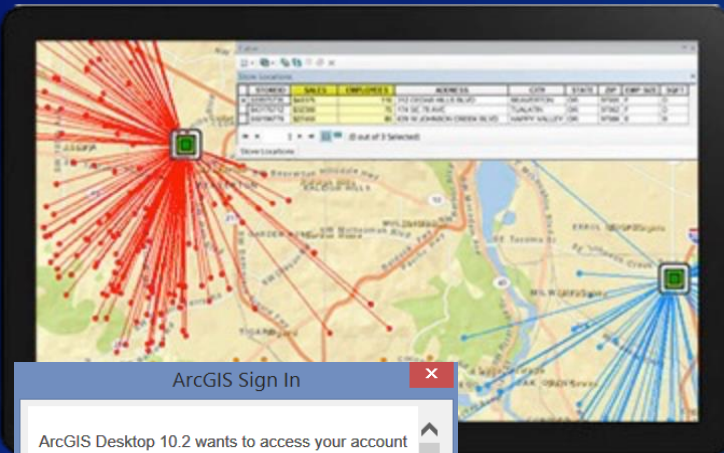
Your ArcGIS organization serves everyone

ArcGIS for Desktop




ArcGIS Maps for Office, Cognos, SAP, etc.

Collector for ArcGIS
Dashboard for ArcGIS
Explorer for ArcGIS



ArcGIS Sign In

ArcGIS Desktop 10.2 wants to access your account information

Sign In 

Username
bernszukalski

Password
●●●●●●●●

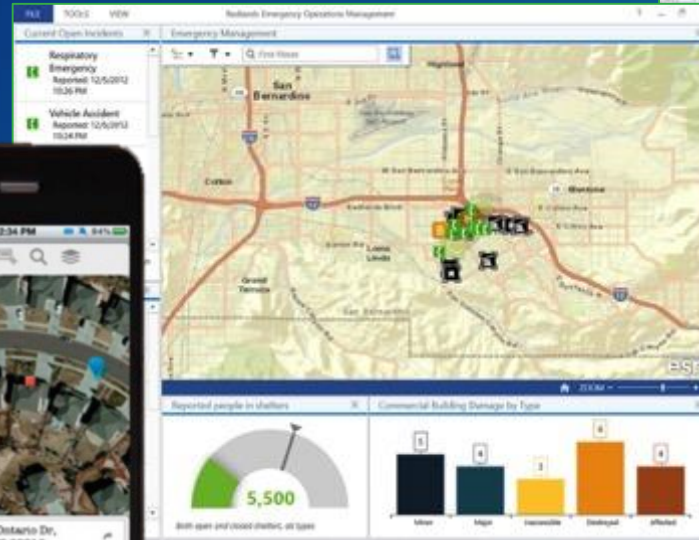
SIGN IN

CANCEL

Forgot Username or Password?

ArcGIS Desktop 10.2 developed by:
Esri Maps and Apps

☒ Sign me in automatically



DISCUSSION & DEMONSTRATION

10

Open your data

THE MORE USERS THE MORE VALUE

Bern

11

Open Data

Open Data Is All Over the World



Explore 48,632 Open Datasets
from 3,155 Organizations Worldwide.

Find Bus Routes, Park Services, Schools

Near City, Country



District of Columbia, photo by Rabi Samuel

Newest Data



ROUTE83.V EVT ORL MAINTENANT

evenements routiers maintenant, routes
departementales du VAR , representation
ponctuelle et lineaire

🕒 June 26, 2016

#evenement



ROUTE83 V EVT ORP MAINTENANT

evenements routiers maintenant, routes
departementales du VAR , representation
ponctuelle et lineaire

🕒 June 26, 2016

#evenement



GRSM BACKCOUNTRY SHELTERS

BEYOND DOUBT the most generally useful
building in any park is a shelter, usually open but
sometimes enclosed or enclosable, and then

🕒 June 26, 2016

#national park service

Open Data

- Built-in to your organizations
- Uses your organization content
- Group-based
- Multiple sites
- Serves data for
 - Developers
 - Contractors
 - Businesses
 - Citizens



Explore 48,632 Open Datasets
from 3,155 Organizations Worldwide.

Find Bus Routes, Park Services, Schools Near City, Country

District of Columbia, photo by Rabi Samuel

Newest Data

 ROUTE83.V EVT ORL MAINTENANT evenements routiers maintenant, routes departementales du VAR , representation ponctuelle et lineaire 🕒 June 26, 2016 #evenement	 ROUTE83 V EVT ORP MAINTENANT evenements routiers maintenant, routes departementales du VAR , representation ponctuelle et lineaire 🕒 June 26, 2016 #evenement	 GRSM BACKCOUNTRY SHELTERS BEYOND DOUBT the most generally useful building in any park is a shelter, usually open but sometimes enclosed or enclosable, and then 🕒 June 26, 2016 #national park service
---	---	--

Example: My City Houston



My City Houston

City of Houston, Texas - Maps & Application



Application
MY CITY houston
MY CITY 2 MAPPING APPS



Address Query
MY CITY houston
HOUSTON CITY SERVICE INFO




Web Map
MY CITY houston
HOUSTON SOLID WASTE RESOURCES

[My City 2 Map Viewer](#) [Houston City Service Info](#) [Houston Solid Waste Resources](#)

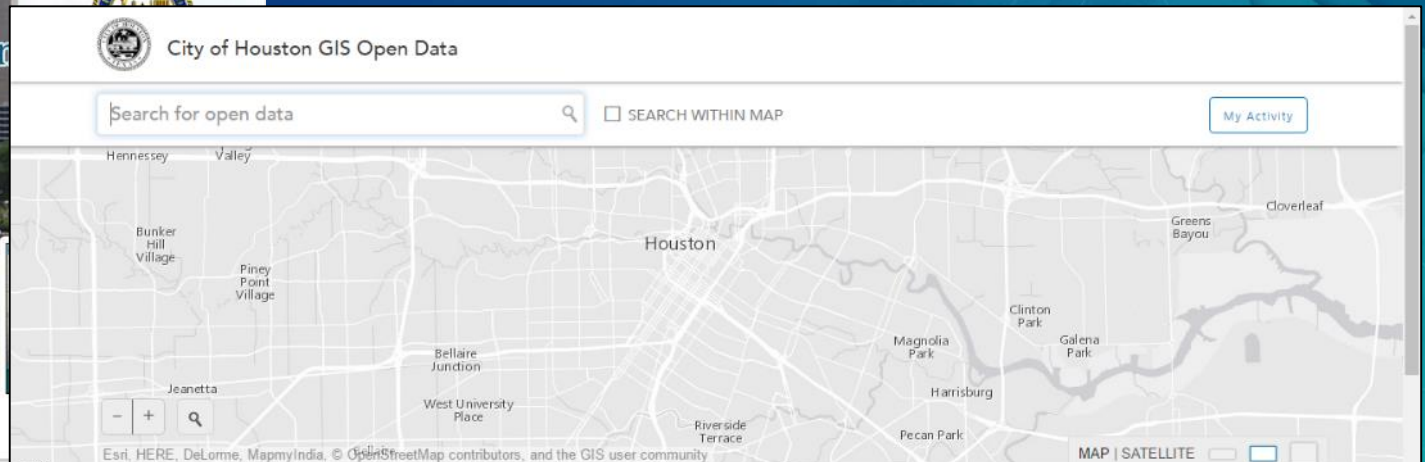
Welcome to the official City of Houston's My City ArcGIS

The **City of Houston's Enterprise GIS team** focuses on the development and continuing enhancement of an Enterprise System that serves the needs of all City of Houston departments, staff and citizens. Through coordinated data development, management and state of the art mapping services, City of Houston Enterprise GIS seeks to improve access to information underlying data from which information is derived. Visit <http://mycity.houstontx.gov>




City of Houston GIS Open Data

Search for open data [My Activity](#)



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

MAP | SATELLITE



GIS OPEN DATA

City of Houston, TX

Enterprise GIS
Houston Information Technology Services

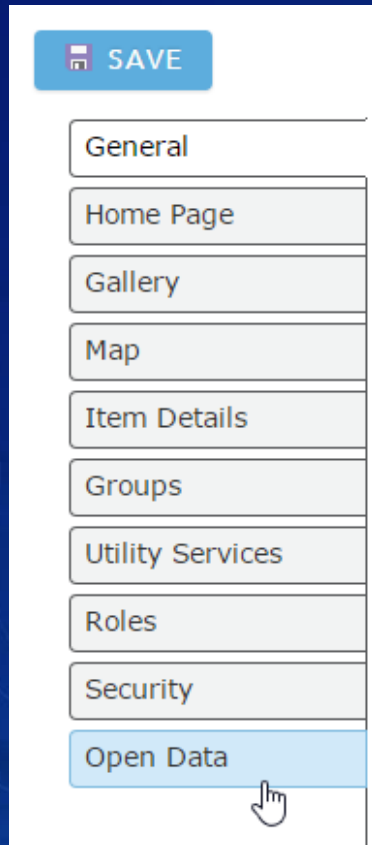
Welcome

This is the official **City of Houston** GIS Open Data ArcGIS Website. We are focus to share with developers, agencies, communities and the public who have an interest in the geographic information system (GIS) data that can be used in their applications. The City's datasets are constantly updated to assure that the data are of the highest quality and as current as possible. This results from cooperation between the departments responsible for each dataset, and developing processes for regular updating each dataset. Questions can be directed to our GIS Helpline 832 393 6555. For technical questions, please contact: mycityhelpdesk@houstontx.gov - **The Enterprise GIS Team**.

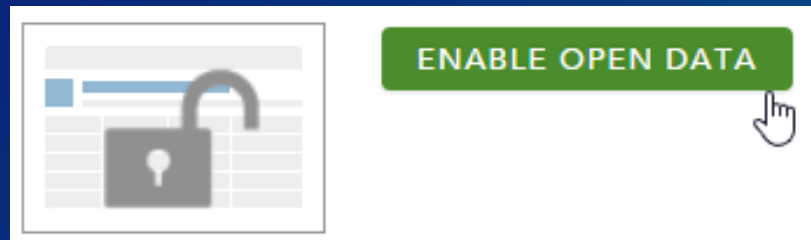
Quick Links:

- [ArcGIS Online of COH](#)
- [My City ArcGIS.com Map](#)
- [My City Map & Apps](#)
- [City of Houston](#)

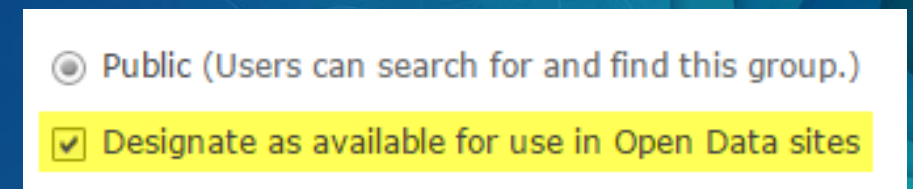
Configuring Open Data



(1) Settings

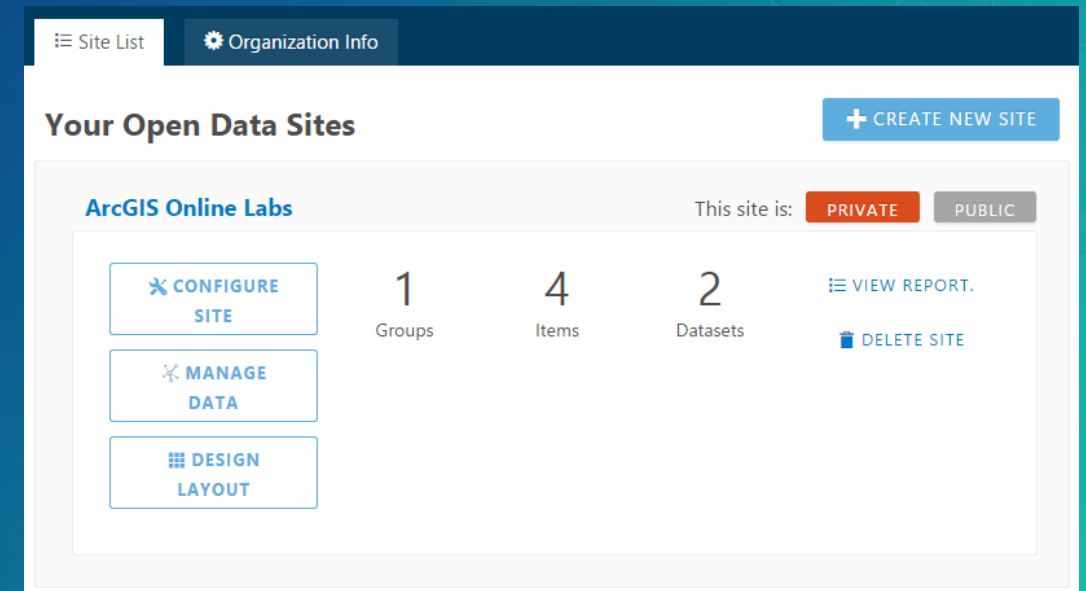


(2) Enable Open Data



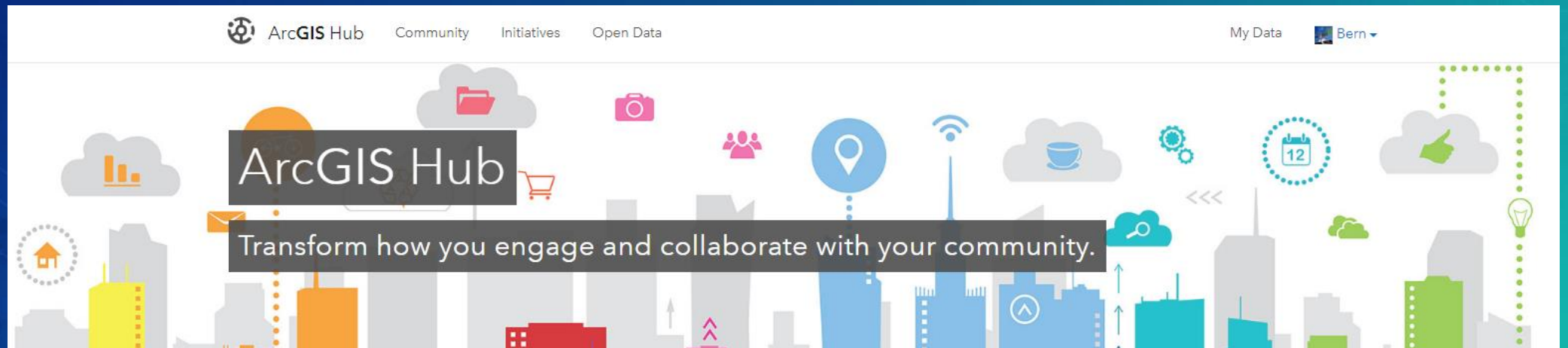
(3) Designate participating Groups

(4) Configure Sites



Open Data is now configured via Hub

- ArcGIS Hub Open Data
- ArcGIS Hub Collaboration
- ArcGIS Hub Initiatives



DISCUSSION & DEMONSTRATION

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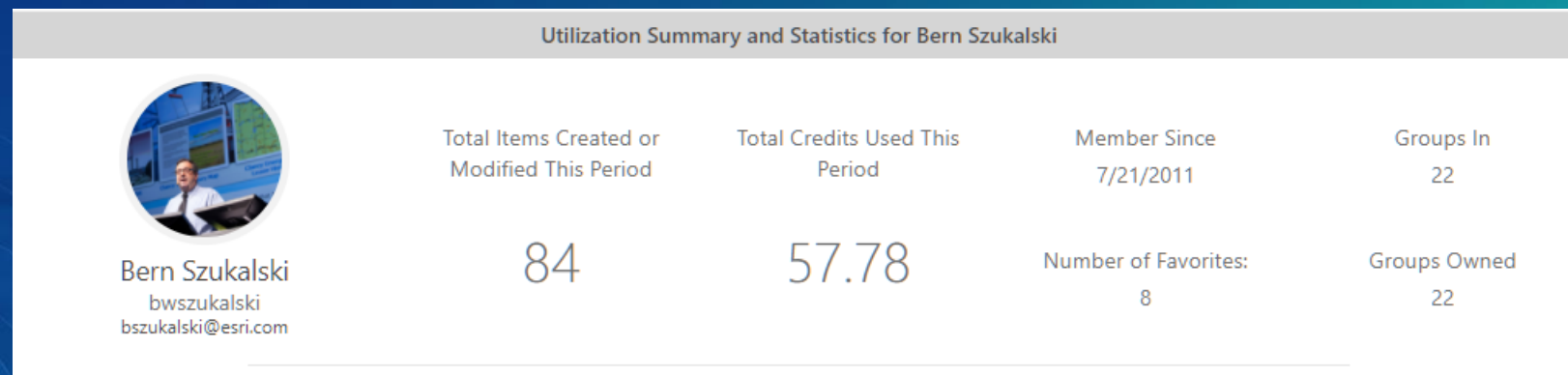
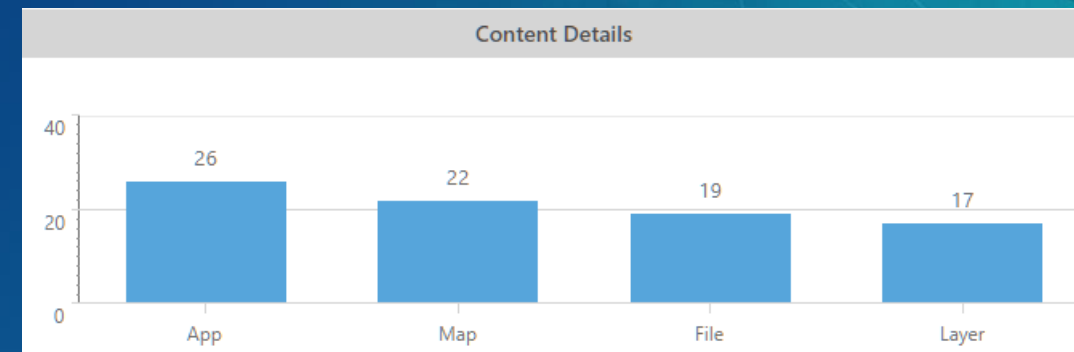
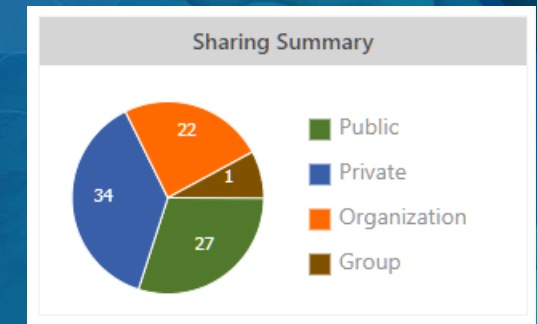
Curate, monitor, manage

12

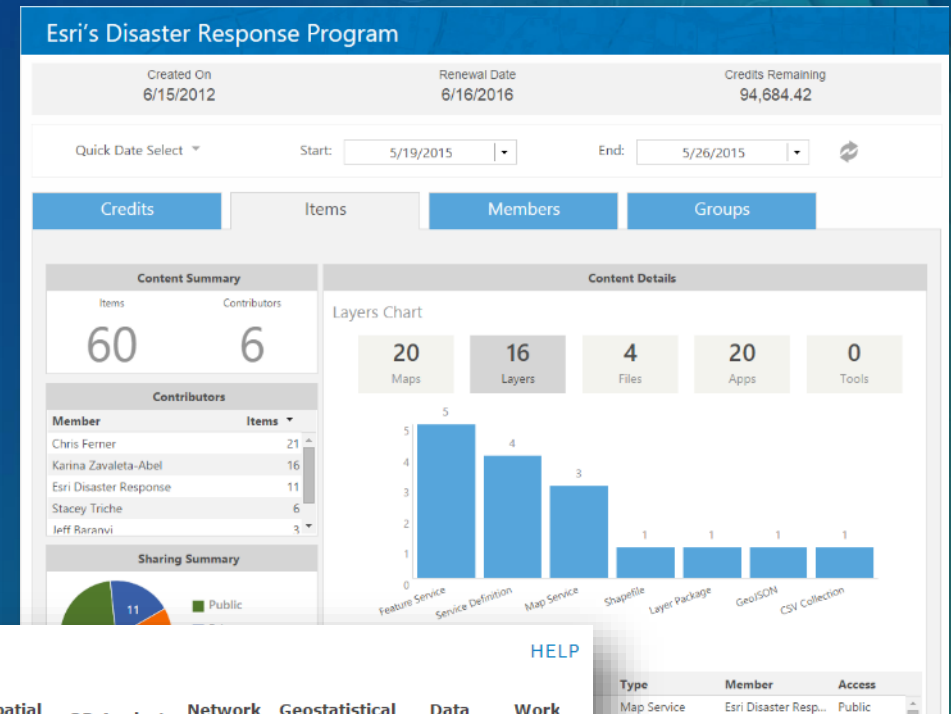
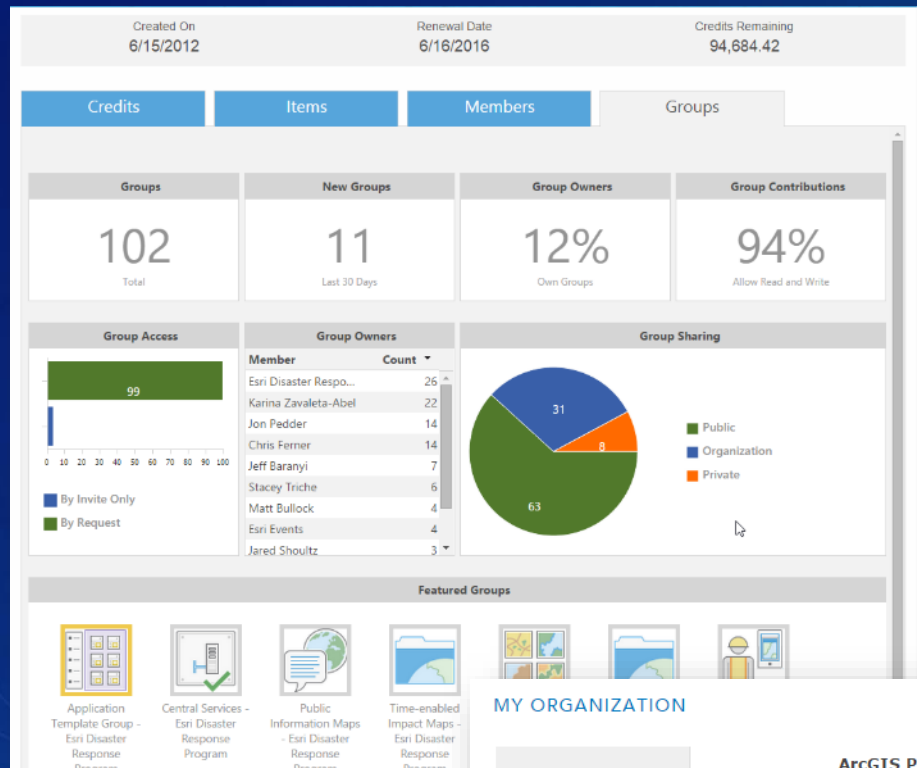
Jeff

Member and item curation

- Usage by app
- Usage by member
- Members by role and credit usage
- Utilization summary
- Pro usage
- More...



Organization Status and Management



MY ORGANIZATION

Licensed Members		Product	ArcGIS Pro Basic	ArcGIS Pro Standard	ArcGIS Pro Advanced	Spatial Analyst	3D Analyst	Network Analyst	Geostatistical Analyst	Data Reviewer	Work Manager
Maximum	300	Licenses	100	100	100	100	100	100	100	100	100
Available	298	Available	100	100	98	98	98	98	98	98	98

Members [SELECT ALL](#) Search by Name Selected Members

ArcGIS Marketplace – marketplace.arcgis.com



ArcGIS Marketplace

Discover a World of Apps, Content and Capabilities.



Admin Tools for ArcGISSM Online
GEO-Jobe
★★★★★ (29)



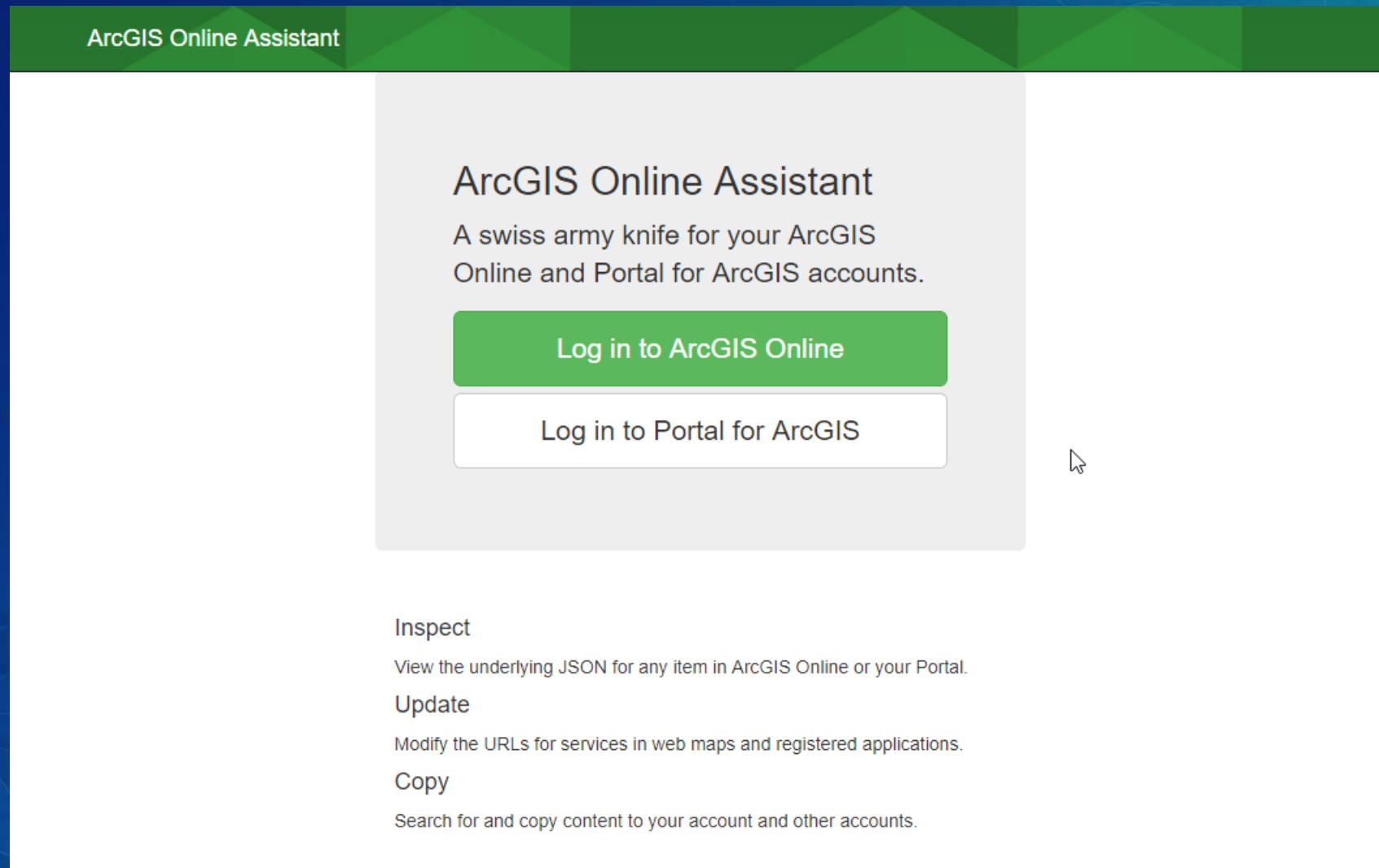
Admin Tools for ArcGISSM Online (Pro)
GEO-Jobe
★★★★★ (4)



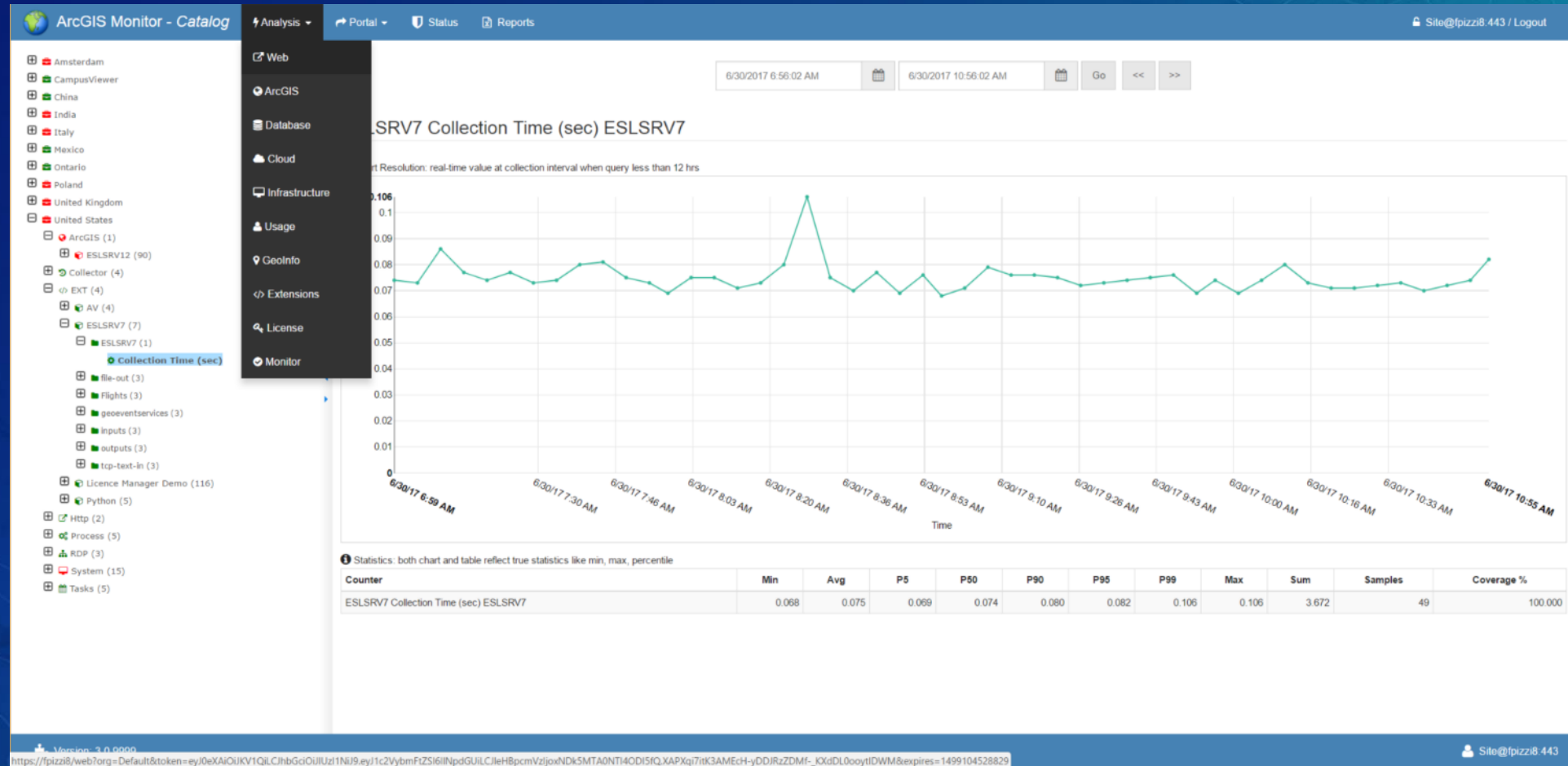
Mapfolio for ArcGISSM Online
GEO-Jobe
★★★★★ (8)



ArcGIS Online Assistant



ArcGIS Monitor



GitHub Esri Repo - <https://github.com/Esri/ago-admin-wiki>

The screenshot displays the ArcGIS Online interface for the 'ArcGIS Online Labs' organization. The main page shows the organization's profile, including a status check and a list of services (PRIVATE, ORGANIZATION, SHARED, PUBLIC). A sidebar on the left lists various items and folders, including 'ian_examples' and 'ian_home'. A central dialog box titled 'ArcGIS Item Information' is open, showing details for a specific item, including its title, tags, and a list of related items. To the right, the 'ArcGIS Group Organizer' window is visible, showing a list of items and a map of the 'USGS Earthquakes Past Hour and Day'.

ArcGIS Item Information

VIEW: Details | Gallery | CSV | Tag Cloud | Tag Editor | Register Services

FILTERS: Title: ...no title filter... Type: ...no type filter... Owned by Me: 10 of 10

Title	Tags
Demographic Summary Viewer	UC
Landsat Swipe	UC
NYC Spyglass	UC
San Diego Shortlist	UC
Time Animation of Puma Sightings	UC
Trail Elevation	UC
USA Earthquake Risk Lookup	Seismic hazard, Landscape, esri_landscape, litho, Disturbance, Landscape1
USA Farmers' Markets Day Planner	UC
User Experience Example Gallery	UC
USGS Earthquake Tweets Past	Labs

Display items in a user folder.

The list of items based on the folder, tag, group, or search.

ArcGIS Group Organizer

Create Group | Delete Group | Create Sub-Group | Delete Sub-Group | Repair Sub-Group | Check Invitations | Help

Items | Members

Invite Users

USGS Earthquakes Past Hour and Day

online labs

This map uses GeoRSS feeds published by the USGS to show the most recent earthquakes within the past hour and past day. The data are updated every 5 minutes at the USGS source.

DISCUSSION & DEMONSTRATION

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Promote your organization and nurture it

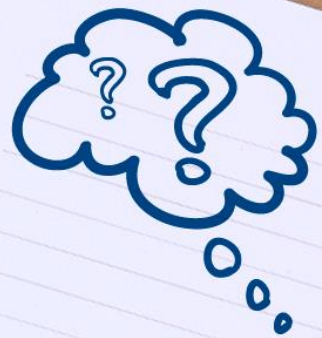
SUSTAINABLE ORGANIZATIONS ENDURE

Jeff

13

Promote your organization





No.
Date:

questions?
& answers



Thanks!

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