



ArcGIS Maps for SharePoint

Quan Tang

Scott Ball

**GIS
INSPIRING
WHAT'S
NEXT**

Agenda

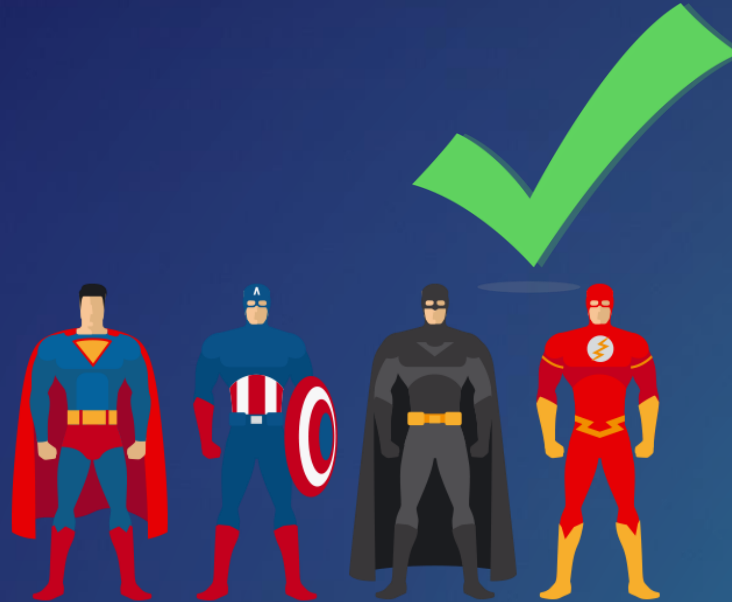
- **What is Maps for SharePoint?**
- **Platform overview**
- **What are Apps for the Office (and why should you care?)**
- **How Maps for SharePoint integrates into SharePoint (+demos)**
- **Document tagging and searching**
- **Additional resources**
- **Q&A**

SharePoint refresher

Ways customers use SharePoint



web hosting
(internal or external)



team collaboration
site



document
management



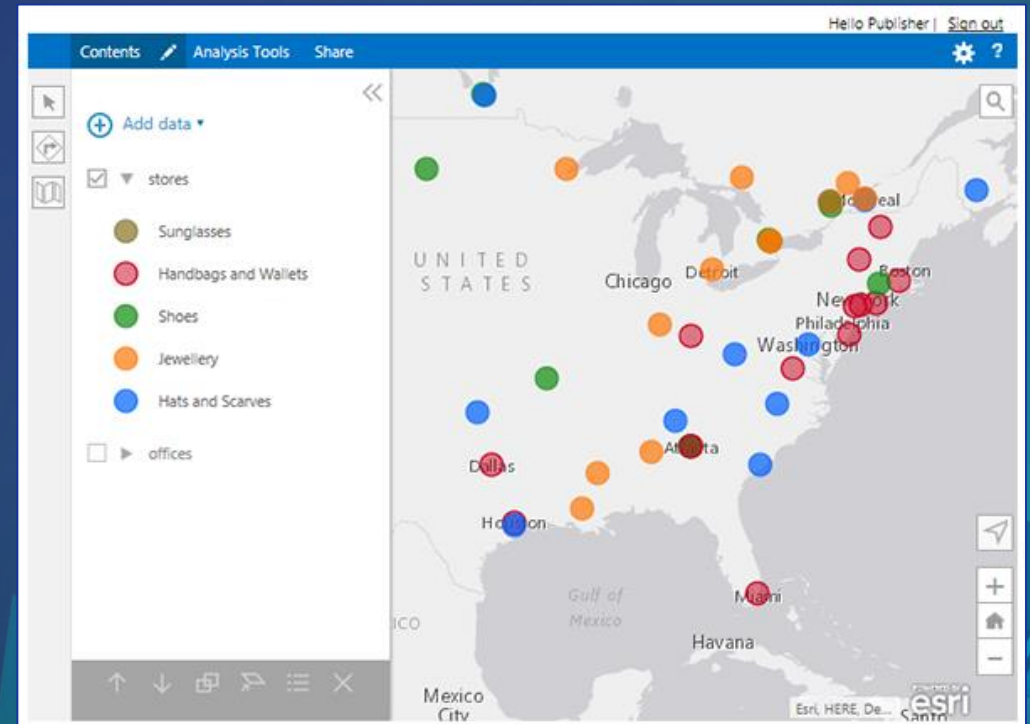
ArcGIS Maps for SharePoint

Geo-enable your Sharepoint documents, lists and workflows

Share GIS info on SharePoint sites

Find geotagged documents quickly

Geocode SharePoint lists



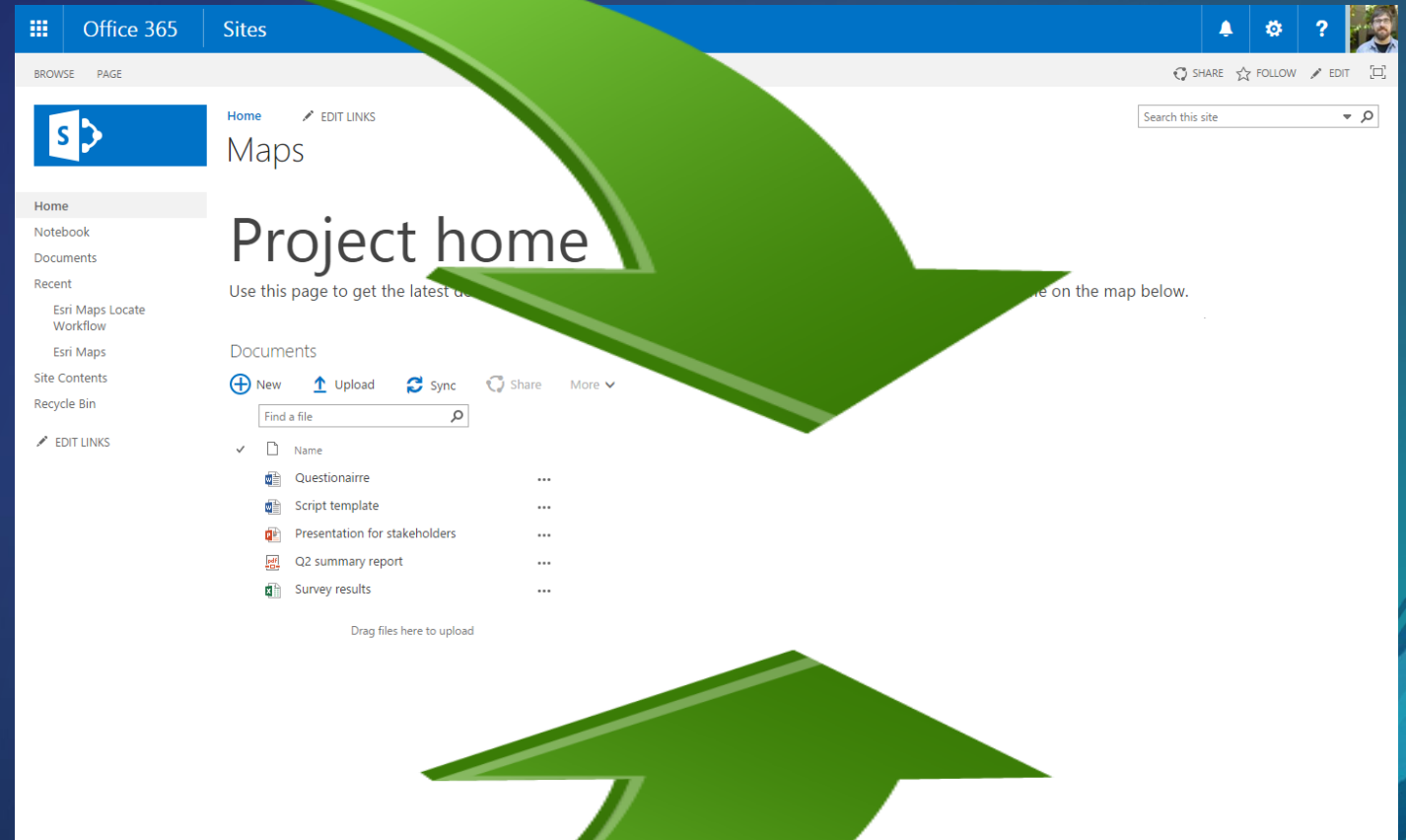
ArcGIS Maps for SharePoint

Included with ArcGIS Online and ArcGIS Enterprise

ArcGIS content



Your SharePoint site page



Your geoenabled
SharePoint content

An abstract graphic on the left side of the slide. It features a dark blue background with a complex arrangement of overlapping, semi-transparent rectangular shapes in various colors including teal, light blue, orange, red, and purple. In the center of this graphic, there is a small, semi-transparent map fragment showing a street grid and several circular markers. The overall composition is dynamic and layered.

Demo Overview

ArcGIS Platform Overview

The slide features a dark blue background with abstract, colorful geometric patterns in shades of teal, orange, and light blue. The patterns consist of various lines, rectangles, and overlapping shapes, some of which resemble map grid lines or data visualization elements. The text "ArcGIS Platform Overview" is centered in a white, sans-serif font.

ArcGIS

An integrated Web GIS



Desktop
(Files)



Server
(Databases)



Web GIS

Desktop



Web



Device



ArcGIS



Server



Online Content
and Services

Apps Are Bringing the Power of GIS to Everyone

Extending the Reach of GIS



Across Organizations and Beyond

ArcGIS Maps for SharePoint

How it integrates into Microsoft SharePoint

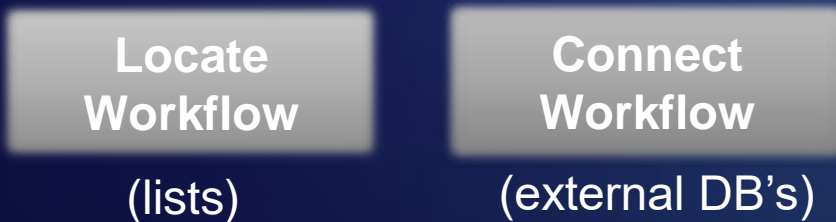
ArcGIS Maps for SharePoint

Geo-enables SharePoint in 5 ways

Visualization (front-end)



Workflows (back-end)



ArcGIS Maps for SharePoint

Workflows

Locate
Workflow

(lists)

Connect
Workflow

(external DB's)



SP admin



Custom List



EDIT LINKS

Esri offices

Home

Documents

Recent

xy

Esri offices

zip2

+ new item or edit this list

All Items



Find an item

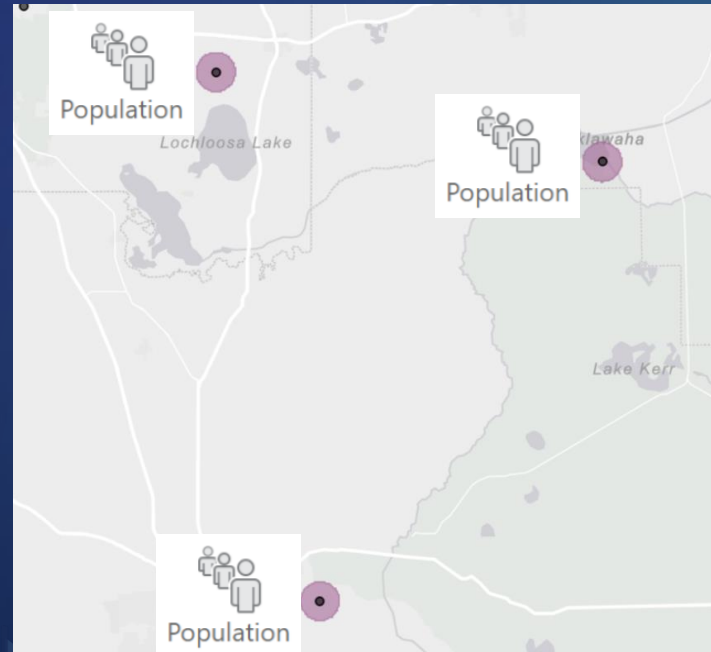
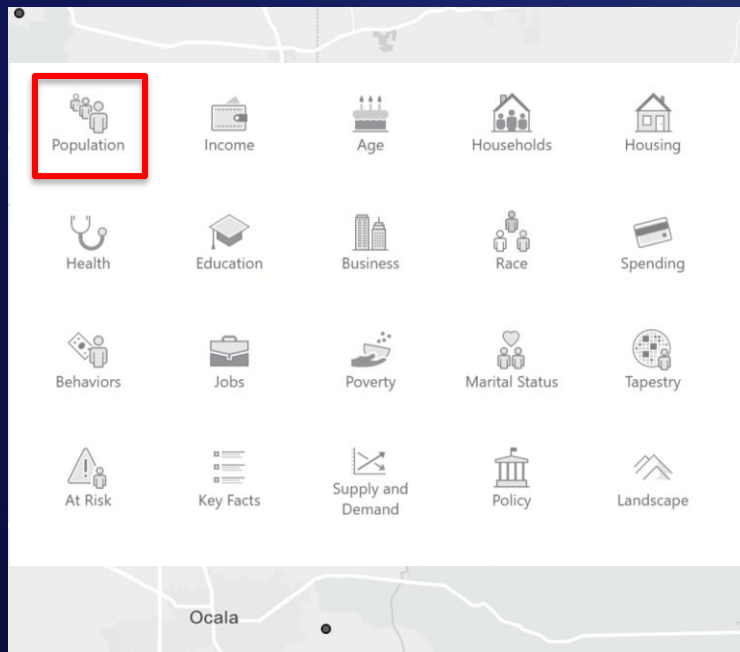


✓	Title	Address	City	State	Text	asd
	ESri	380 New York St	Redlands	CA	92373	
	la jolla	3252 Holiday court	La Jolla	CA	92037	



ArcGIS Maps for SharePoint

Locate workflow + Geoenrichment





Demo Locate workflow

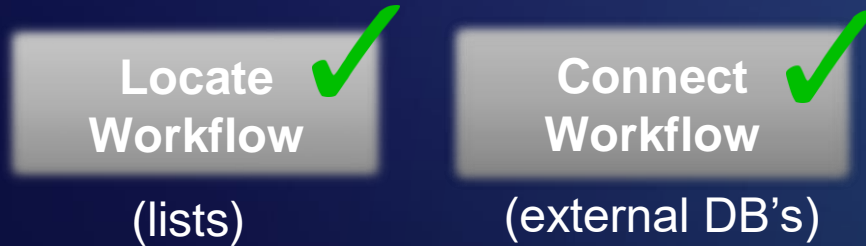
ArcGIS Maps for SharePoint

Geo-enables SharePoint in 5 ways

Visualization (front-end)



Workflows (back-end)



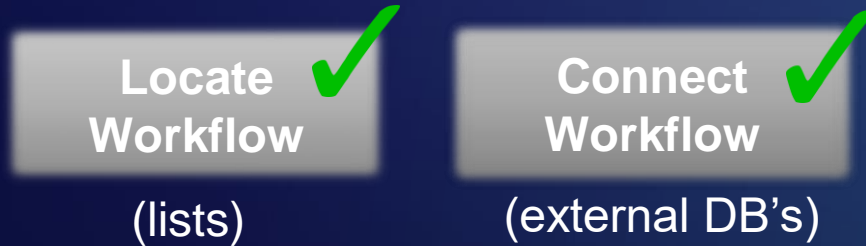
ArcGIS Maps for SharePoint

Geo-enables SharePoint in 5 ways

Visualization (front-end)



Workflows (back-end)

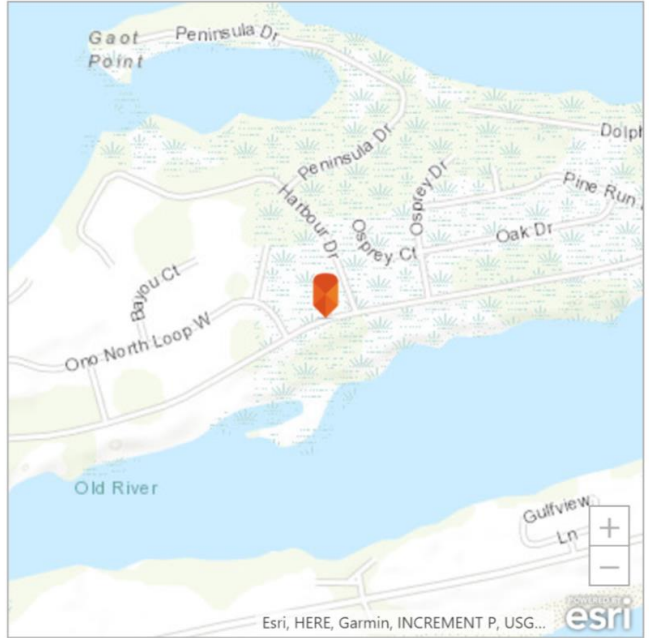


SharePoint

Newsfeed OneDrive Sites

BROWSE VIEW

Edit Item Version History Alert Me Workflows
Shared With Workflows
Delete Item Manage Actions

Address	30301 Ono North Loop W
LATITUDE	30.290713
LONGITUDE	-87.508871
Country	United States
Sales	\$2,844.75
Policy Type	Car
Esri Maps Location	

Esri, HERE, Garmin, INCREMENT P, USG... esri



Demo Location Field

ArcGIS Maps for SharePoint

Geo-enables SharePoint in 5 ways

Visualization (front-end)

Maps Web Part

Location Field ✓

Extensibility

Workflows (back-end)

Locate Workflow ✓

(lists)

Connect Workflow ✓

(external DB's)

Desktop

Web

Device



SharePoint



Server



Connected Content and Services (including ArcGIS)

ArcGIS Maps for SharePoint

Map web part

The screenshot shows a SharePoint site interface. At the top, there's a blue header with 'Office 365' and 'Sites'. Below that, a navigation bar includes 'Home', 'EDIT LINKS', and a search box. The main content area is titled 'Project home' and contains a paragraph: 'Use this page to get the latest documents, status reports, and project updates and see our progress in real-time on the map below.' To the left is a 'Documents' list with items like 'Questionnaire', 'Script template', 'Presentation for stakeholders', 'Q2 summary report', and 'Survey results'. On the right, an 'Esri Map' web part is embedded, displaying a map of Maui with several colored markers (yellow, green, black) representing survey locations. The map interface includes a legend, a search bar, and navigation controls.

Tight Integration with ArcGIS

- Use your **organization's data**

- Basemaps
- Web maps
- Feature services
- Map services

- Use your **organization's services**

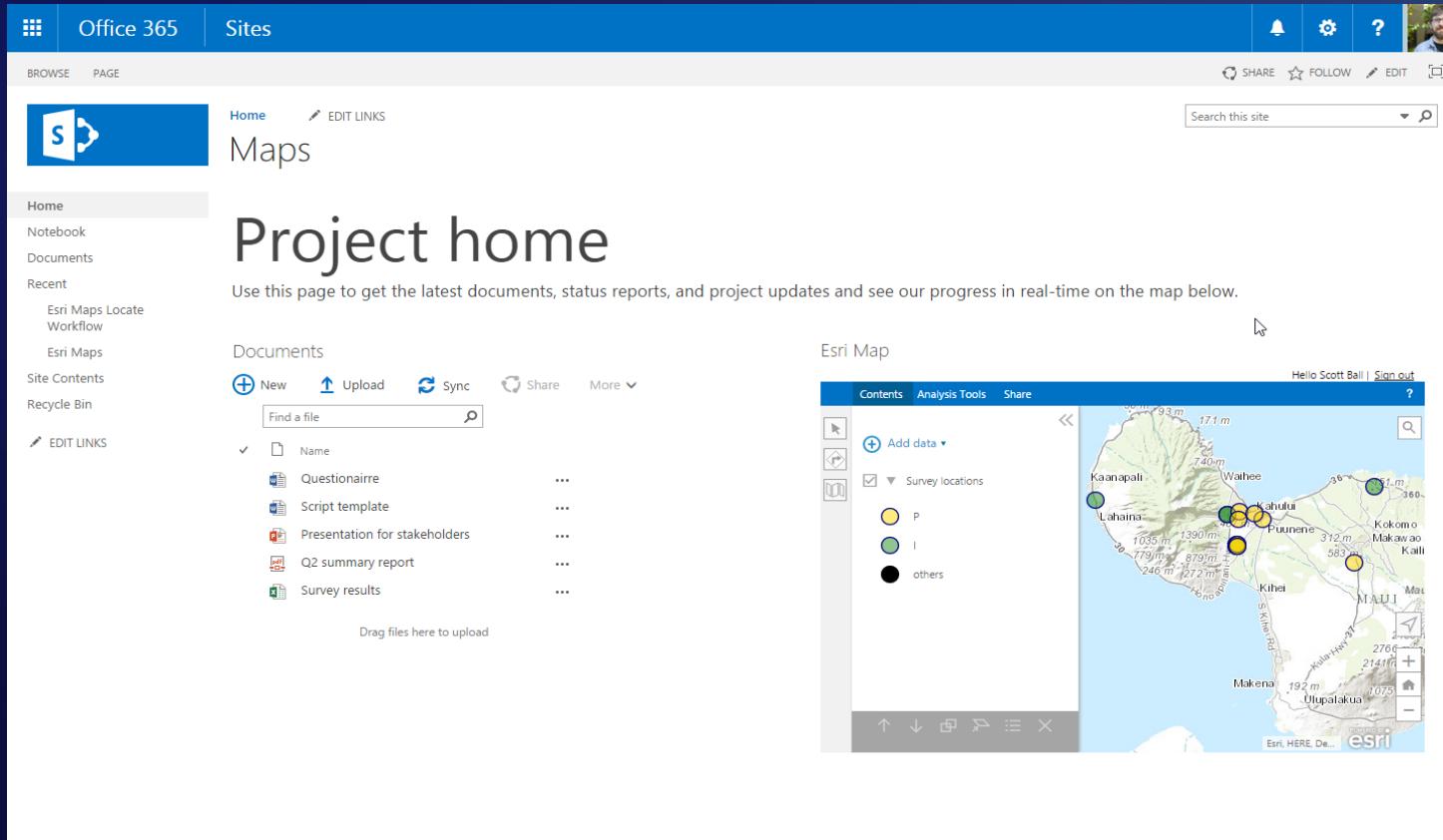
- Geocoders
- Routing
- Geoenrichment

- **Share ArcGIS maps and layers to your SharePoint audience**

- Named users have more capabilities
- Anonymous users can view shared maps

ArcGIS Maps for SharePoint

Map web part



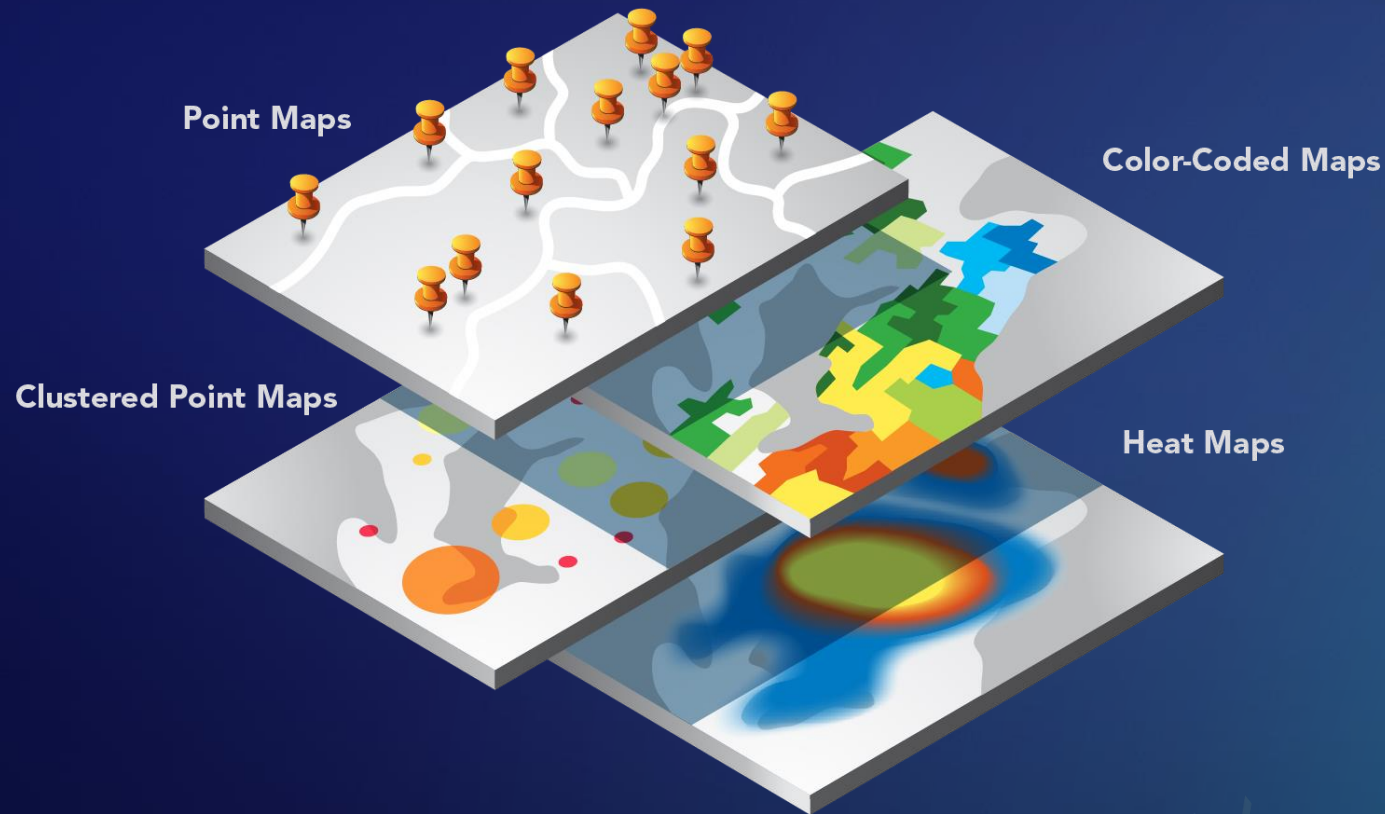
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Work with your Layers

- **Filter layers** by attribute values
- **Auto refresh layers** to automatically see changes when layer or table contents have changed
- **Change** the way information is presented in **pop-ups**
- **Search the map** to find nearby locations using rings or drive times
- **Add, delete** and **change** feature geometrics and attributes

ArcGIS Maps for SharePoint

Map web part



Analysis capabilities

- **Create reports** on your locations with rich demographics, lifestyle and other location-based information
- Find statistically significant **hot and cold spots**
- Select and **find nearby** locations
- **Heat maps** to show point distribution
- **Cluster** locations to find patterns
- **Get routes** between your locations



Demo

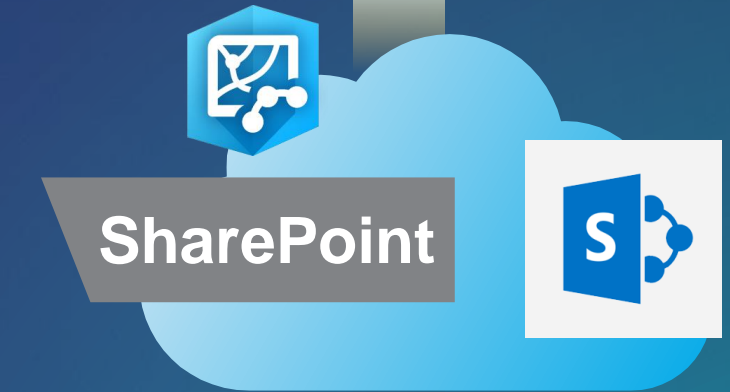
Map web part

ArcGIS Maps for SharePoint

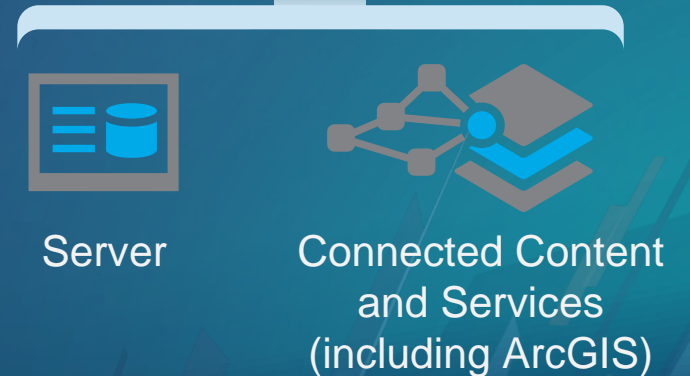
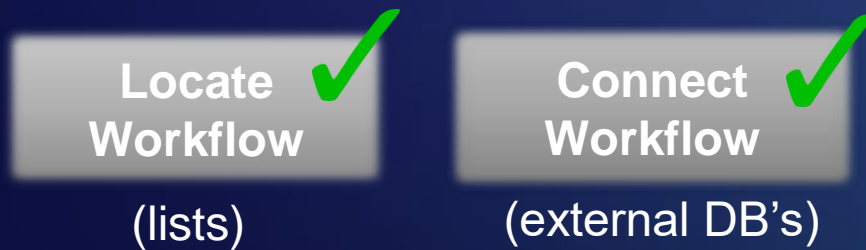
Map web part



Visualization (front-end)



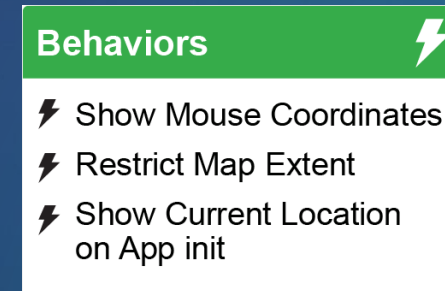
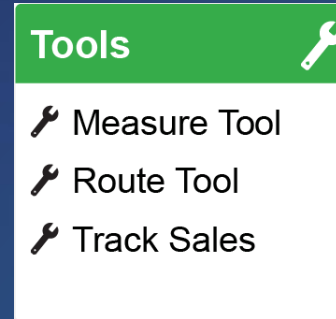
Workflows (back-end)



ArcGIS Maps for SharePoint

Extensibility

- Add and remove **existing** tools & behaviors
- Modify **layout and selection** colors
- Plug-in custom **picture marker sets**
 - Add custom symbols
- Add custom functionality via **tools and behaviors**
- Access ArcGIS JS objects such as the map, pop-up, and portal
- Persist and retrieve custom configuration
- Display messages and widgets
- Monitor events such as layer selection



Document Tagging and Searching

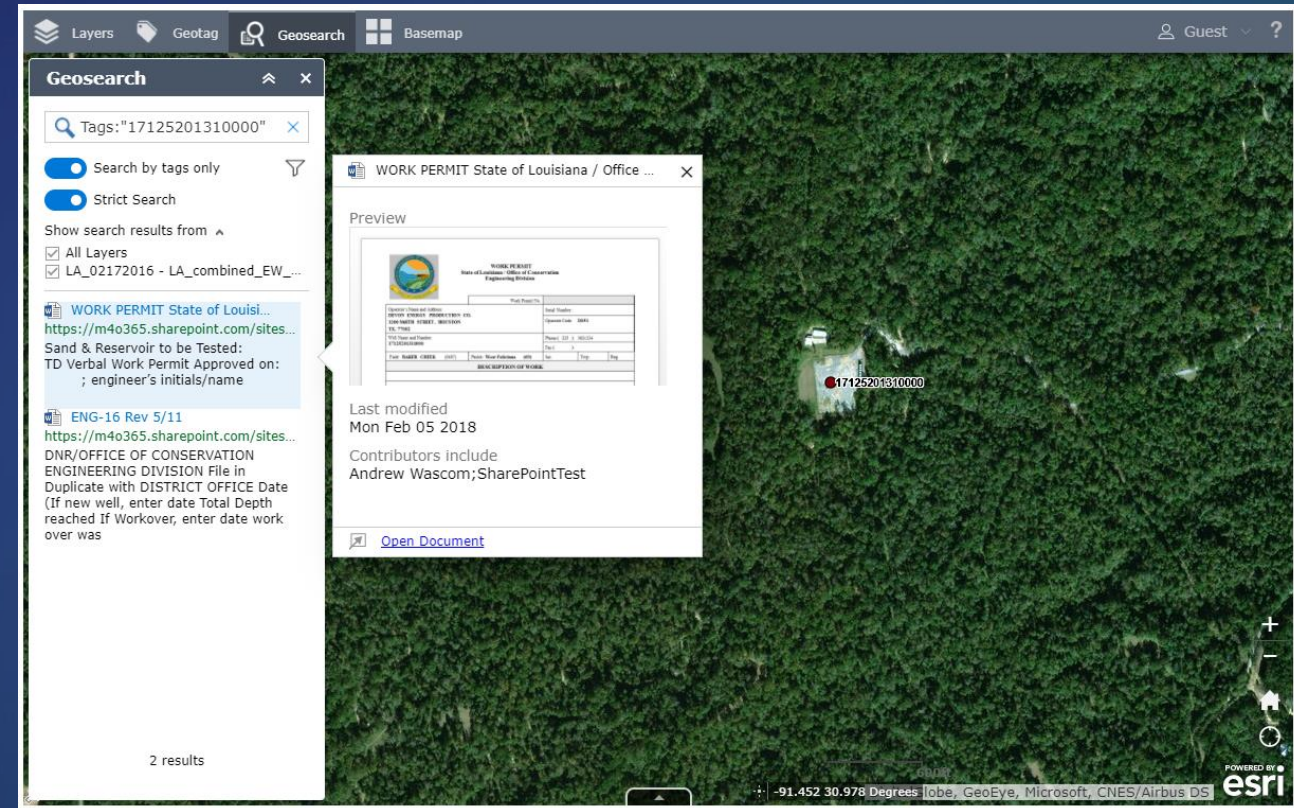
New at ArcGIS Maps for SharePoint 5.0

Geosearch

- Search for tags by clicking features on the map
- Uses native SharePoint search engine
- Provides familiar SharePoint experiences:
 - Document preview
 - Refiners for document type, author, last modified date

Geotagging

- Use feature layers from ArcGIS
- Use documents and folders from SharePoint
- Authors define an attribute from the layer to be tagged to the documents
- Users can tag documents to features
- Tags are native SharePoint technology



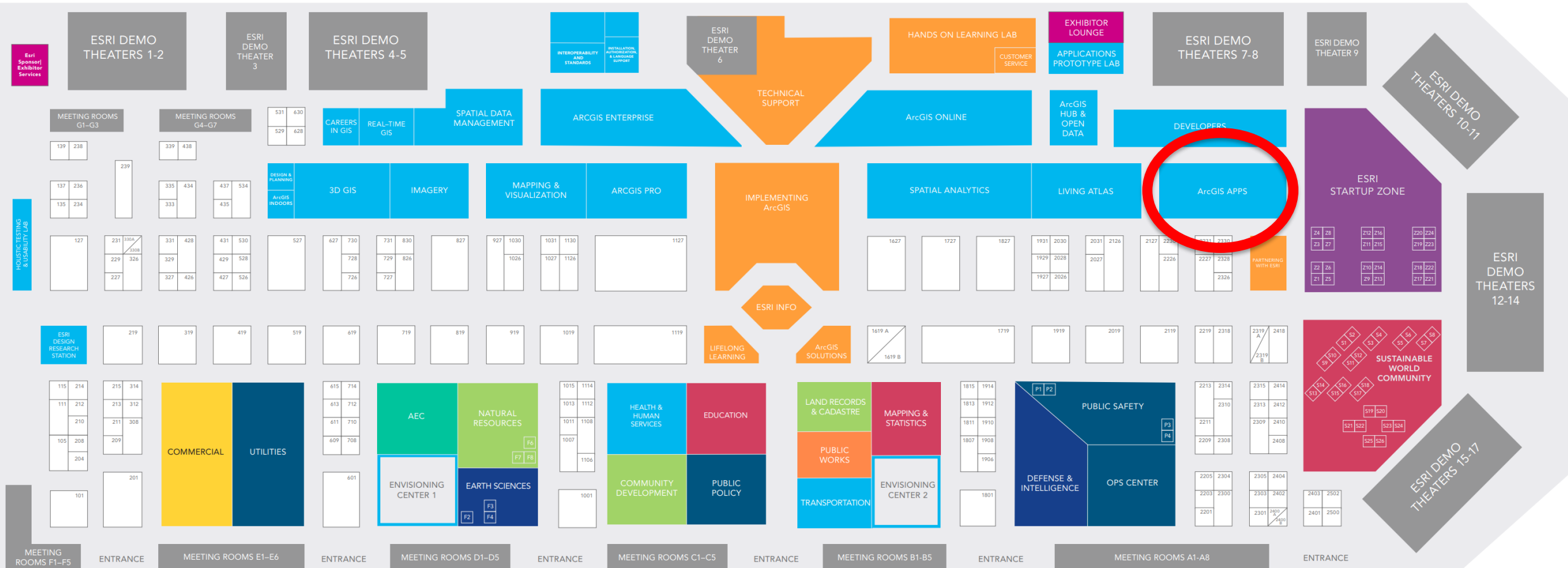


Demo

Tagging and searching

App island

Use the product! Meet the team!



HALL C

HALL B

HALL A

ArcGIS Maps for SharePoint

Learn more!

Documentation

(RTFM: read the fabulous manual)

<http://doc.arcgis.com/en/maps-for-sharepoint>

Blogs

(learn about new stuff)

<https://blogs.esri.com/esri/arcgis/>

Ideas site

(help us know what to build)

<https://ideas.esri.com>

ArcGIS Maps for SharePoint

Ask us your questions!

Q+A

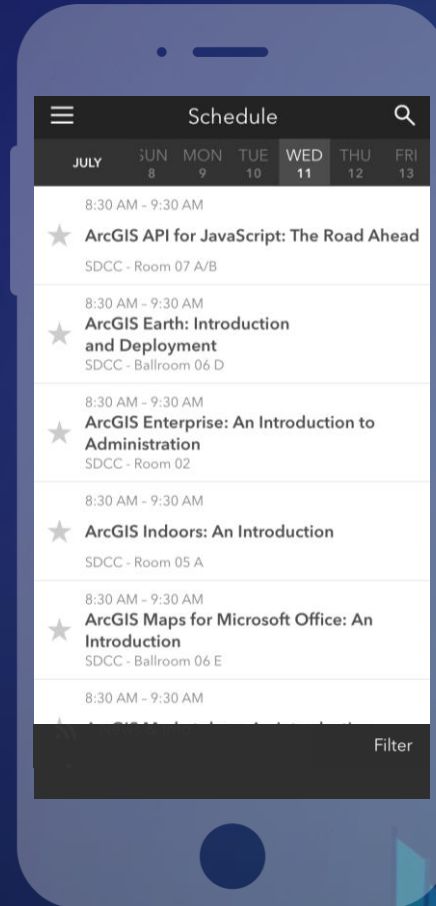


Please Take Our Survey on the App

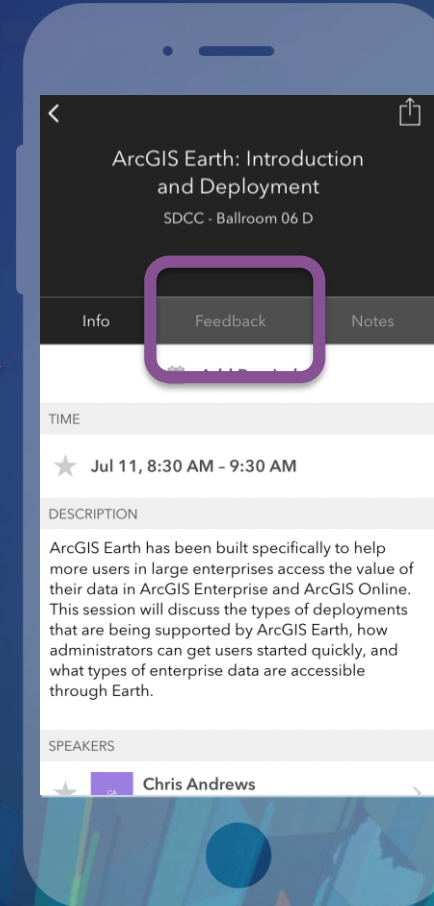
Download the Esri Events app and find your event



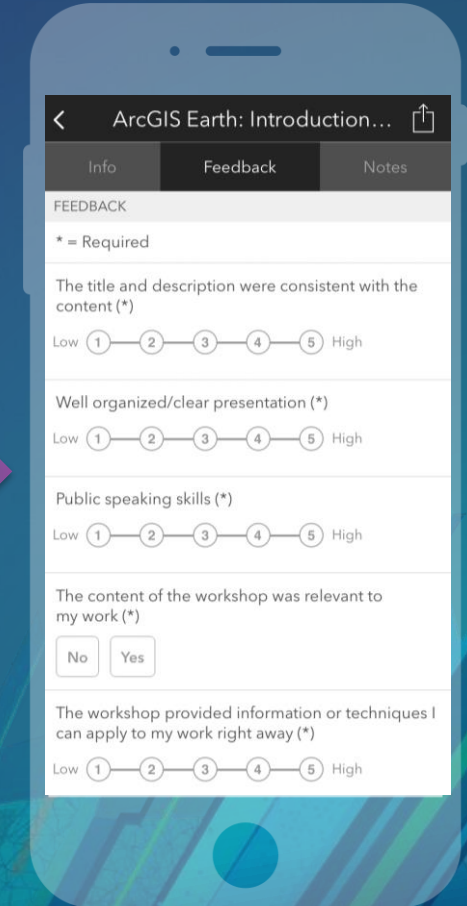
Select the session you attended



Scroll down to find the feedback section



Complete answers and select "Submit"





esri

**THE
SCIENCE
OF
WHERE**