

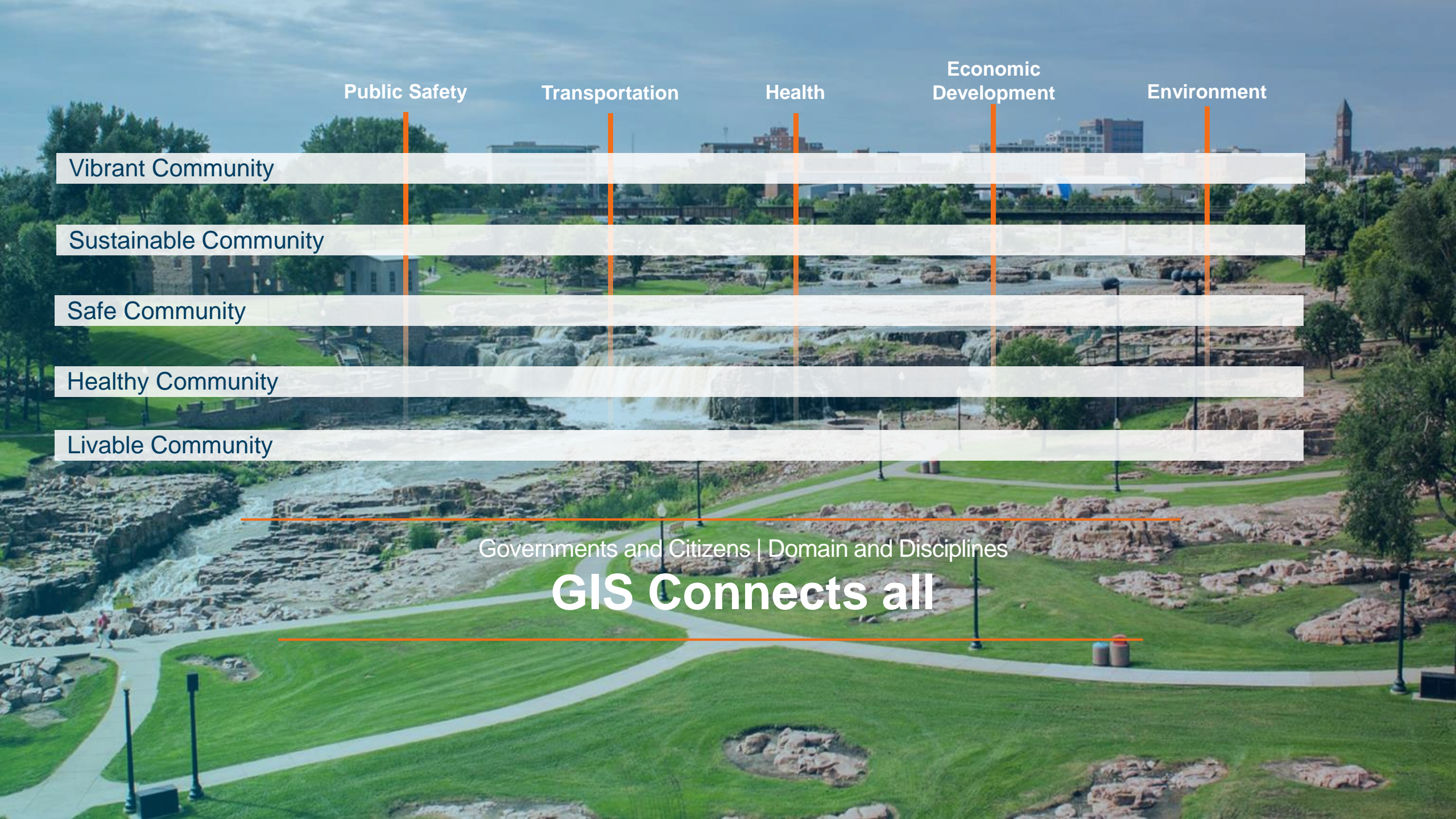
ArcGIS for State Government

Chris Nickola
Nikki Golding

Agenda

- Introduction
- Solution Offering
- What's Next
- Your Feedback





Public Safety

Transportation

Health

Economic
Development

Environment

Vibrant Community

Sustainable Community

Safe Community

Healthy Community

Livable Community

Governments and Citizens | Domain and Disciplines

GIS Connects all

Requires More than Technology

- Vision and Leadership
- Alignment of GIS with Organizational Mission
- Planning and Governance
- Willingness to evolve business processes
- Business systems that produce meaningful information products
- Good People

6 Transformational Trends in Government

1. Demographics shifts are impacting the workforce
2. Need to replace legacy business systems
3. Rapid technology advances
4. Standardization of business practices
5. Maps as a framework for communication and understanding
6. Challenges attracting and retaining talent

The 'Silver Tsunami' Has Arrived in Government

D.C. moves to replace its outdated tax payment system

The Billion Dollar Crisis in Outdated Government Technology

World's population increasingly urban with more than half living in urban areas

Technology Trends Influencing Government

McKinsey and Company



#1 Mobile Internet

Increasingly inexpensive and capable mobile computing devices and internet connectivity



#2 Automation of knowledge work

Intelligent software systems that can perform knowledge-work tasks



#3 Internet of Things

Networks of low-cost sensors and actuators for data collection, monitoring, decision making, and process optimization



#4 Cloud

Use of computer hardware and software resources to deliver services over the internet or network



#5 Advanced robotics

Increasingly capable robots with enhanced sensors, dexterity, and intelligence; used to automate many tasks

Unstable, Outdated Systems



- Hard to maintain
- Not sustainable
- Hard to find skilled support
- Expensive
- Lack modern capabilities
- Often tied to individuals or 3rd parties for support

ArcGIS as a Platform

Simple, Open, and Configurable



Making Mapping and GIS
Available Across Your Organization

Transforming the Role of GIS

Web GIS Empowers Everyone in Your Organization

To Discover, Use, Make, and Share Maps from Any Device, Anywhere, Anytime



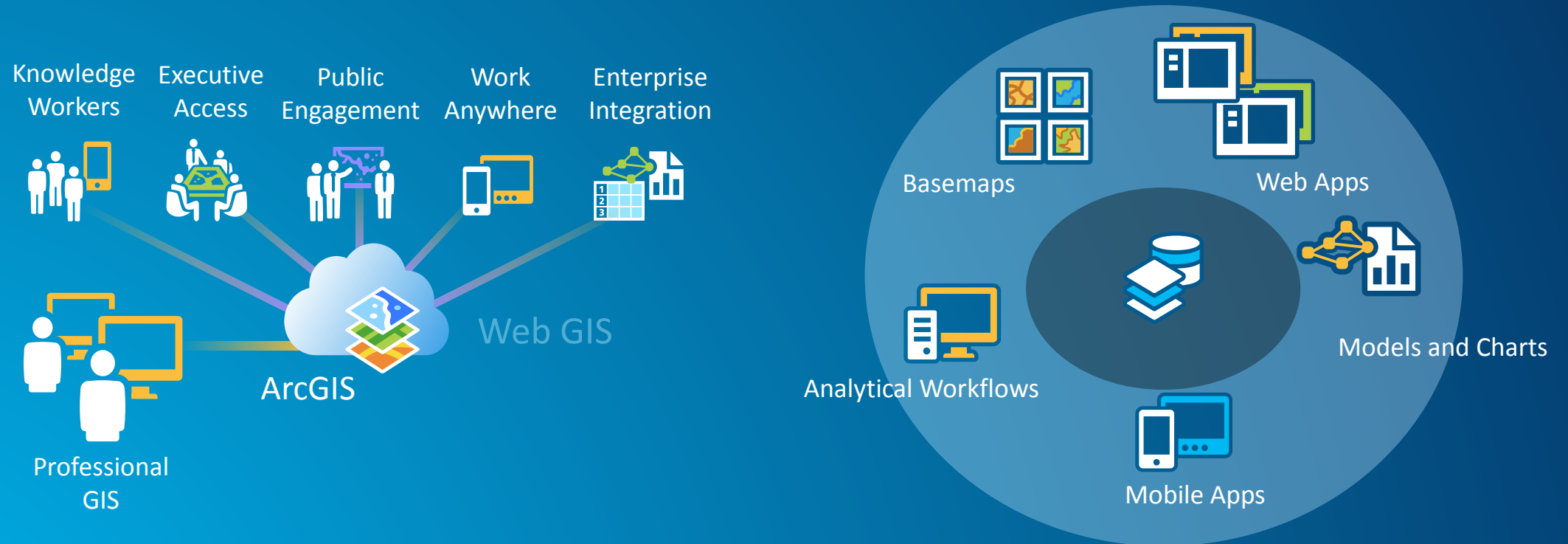
...Making it Easy for Everyone to See
How Geography Influences Their Decisions

Our Mission ▶ To help you...



EXTENDING THE PLATFORM WITH SOLUTIONS

Ready to use workflows and apps that make implementation easier and sustainable.



ArcGIS for State Government

Aligning solutions with government initiatives.....



To realize this vision these aspirations must be translated into actionable, real-world initiatives



150 +

ALIGNING OUR DEVELOPMENT TO SUPPORT GOVERNMENT GIS

Providing solutions that address the common implementation types

Strategic Initiatives

Open Data



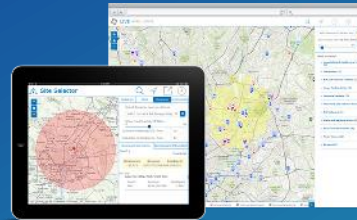
Data Aggregation



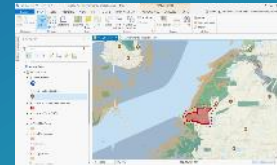
Supportive Spatial Infrastructure, technology and governance

Business Solutions

Configurable Apps



COTS Workflows

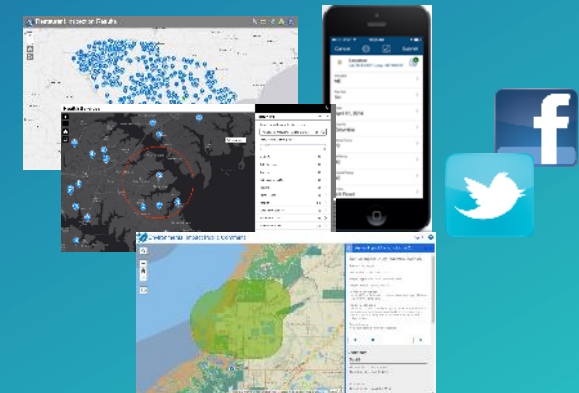


Foundational Services



Domain specific support for geocentric workflows, mapping, analytics and communication

Citizen Outreach



Locator Apps Constituent Engagement Government Service Discovery

Useful tools for exposing government services, improving communication, and sharing strategic information

State Government –Maps, Apps, & Configurations

Fish & Wildlife	Environment and Nat. Res	Health	Economic Development	Transportation	Secretary of State	Entire Organization
Hunting License Locator	Permit Inspection	Birth Outcome Analysis	Live, Work, Locate	Road Closures	Election Polling Places	Community Parcels
Water Access Locator	Permit Status	Birth Outcome Journal	Incentive Zones	Railroad Inspection	Early Voting	Community Addresses
Wildlife Management Area Locator	Park & Recreation Locator	My Health Services*	Site Selector	Bridge Inventory	My Elected Representative	Service Catalog
Water Quality Status	Trail Locator	Restaurant Inspections	Event Locator	Streetlight Inventory	Election Results	ArcGIS for State Government Model Organization
Water Quality Dashboard	Water Quality Status	Restaurant Inspection Results	Event Management	Snow COP	Historic Election Results	Map and App Gallery App
Water Quality Inspections	Water Quality Inspections	Water Quality Inspection	Property Listing/Reviewer	Pavement Marking Inventory		Crowdsourc Reporter
Citizen Science Reporter	ArcGIS Online for Environment & Natural Resources	Water Quality Status		Street Sign Inventory		Crowdsourc Manager
Citizen Science Manager	Environment Impact Polling	ArcGIS Online for State Government - Health		Traffic Signal Inventory		
Wildlife Identification	Public Land Survey Editing			Guardrail Inventory		
	Environmental Screening			Crash Analysis		
	ArcGIS Online for Environment and NR			Crash Analysis Journal		
	Environmental Analysis			Transportation 511		
	Permitting Dashboard					

State Government Solutions

Fish & Wildlife	Environment and Nat. Res.	Health	Economic Development	Transportation	Secretary of State	Entire Organization
Hunting License Locator	Permit Inspection	Birth Outcome Analysis	● Live, Work, Locate	Road Closures	● Election Polling Places	Community Parcels
Water Access Locator	Permit Status	Birth Outcome Journal	Incentive Zones	Railroad Inspection	● Early Voting	Community Addresses
Wildlife Management Area Locator	Park & Recreation Locator	My Health Services	Site Selector	Bridge Inventory	● My Elected Representative	Service Catalog
● Water Quality Status	Trail Locator	Restaurant Inspections	Event Locator	Streetlight Inventory	● Election Results	ArcGIS for State Government Model Organization
● Water Quality Dashboard	● Water Quality Status	Restaurant Inspection Results	● Event Management	Snow COP	● Historical Elections Results	Map and App Gallery App
● Water Quality Inspections	● Water Quality Inspections	● Restaurant Inspection Dashboard	● Property Listing/Reviewer	Pavement Marking Inventory		Crowdsource Reporter
Citizen Science Reporter	● Water Quality Dashboard	Water Quality Inspection		Street Sign Inventory		Crowdsource Manager
Citizen Science Manager	ArcGIS Online for Environment & Natural Resources	Water Quality Status		Traffic Signal Inventory		
● Wildlife Photo Survey	Environment Impact Polling	ArcGIS Online for State Government – Health		Guardrail Inventory	● Crash Analysis	
● Environmental Screening/Impact	Public Land Survey Editing			Crash Analysis Journal		
	● Environmental Screening			Transportation 511		
	● Environmental Analysis					
	● Permit Dashboard					

● What's New



Environmental Screening

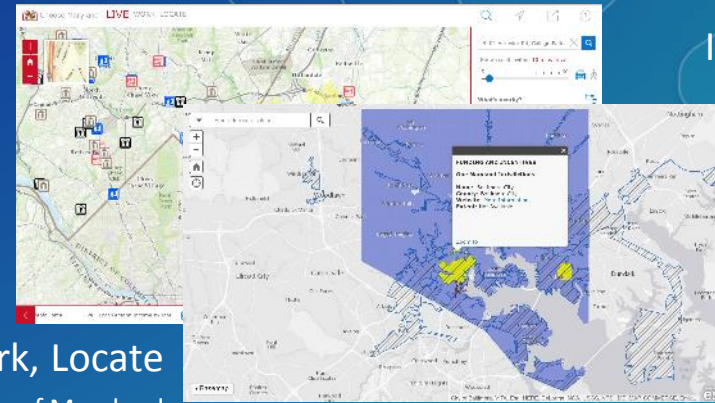
State of Nebraska

State of Idaho

Country of South Africa

Florida Fish and Wildlife

Adirondack Park Organization



Incentive Zones

State of Maryland

Washington, DC

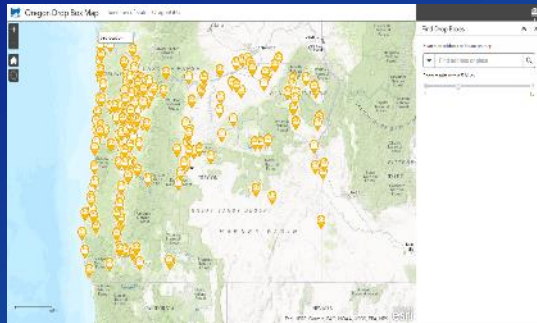
Elected Officials

Alabama

Tennessee

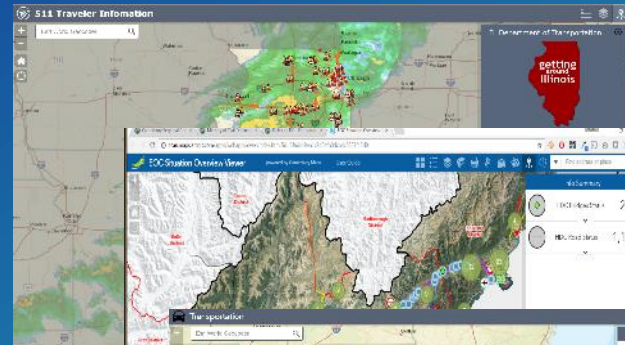
Live, Work, Locate

State of Maryland



Elections

Oregon



Transportation 511

State of Illinois

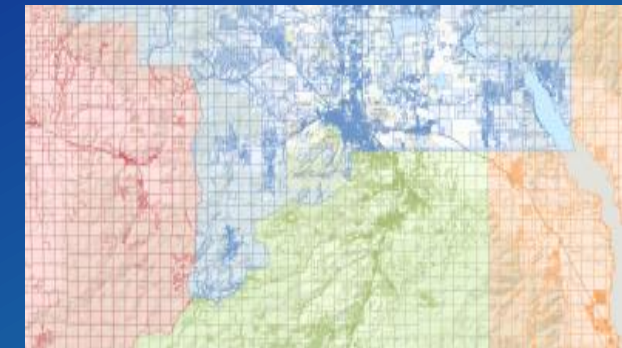
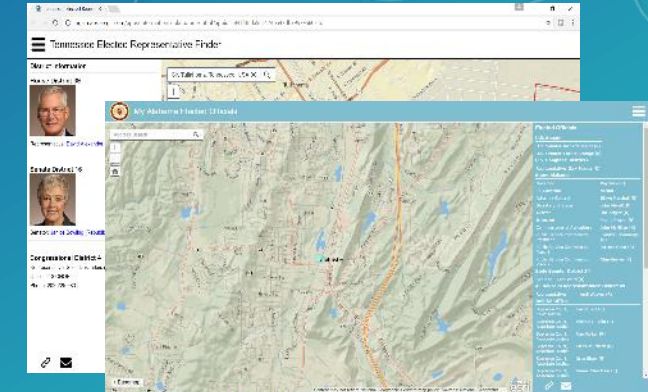
State of Indiana

State of Iowa

State of Kentucky

Florida DEM

Council of Canterbury - NZ



Community Aggregation

Wisconsin, New Mexico, Kansas, Michigan ...



Photo Survey

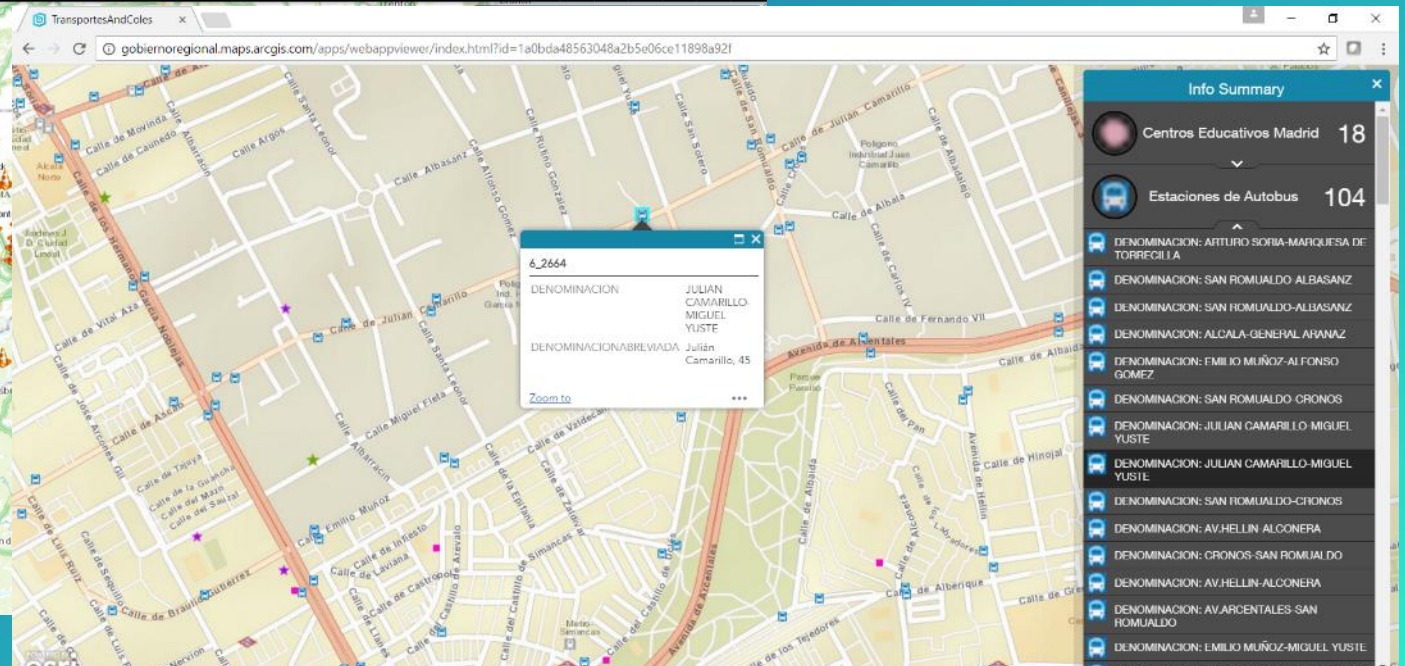
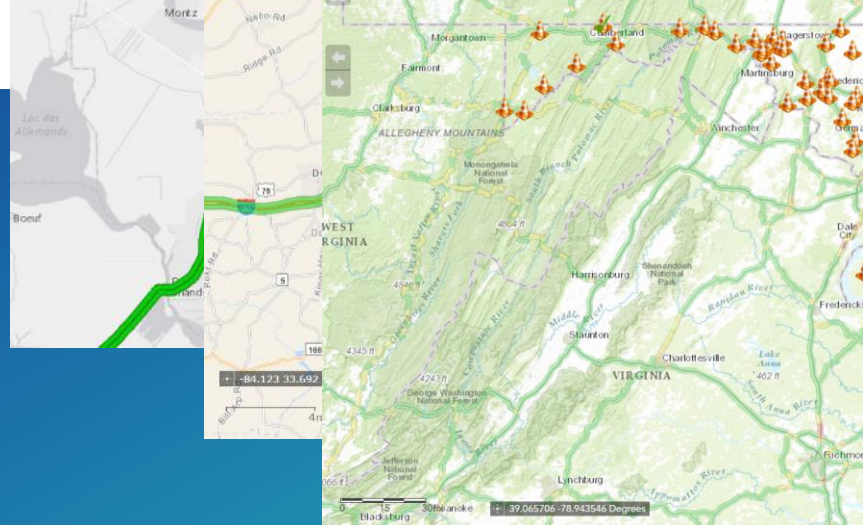
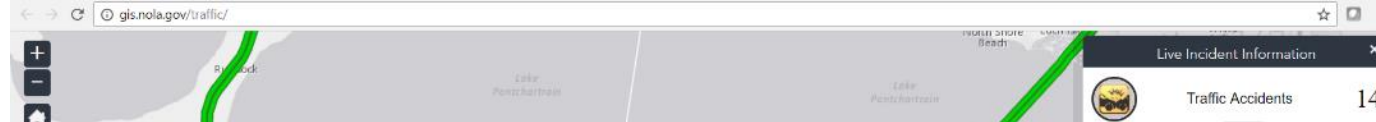
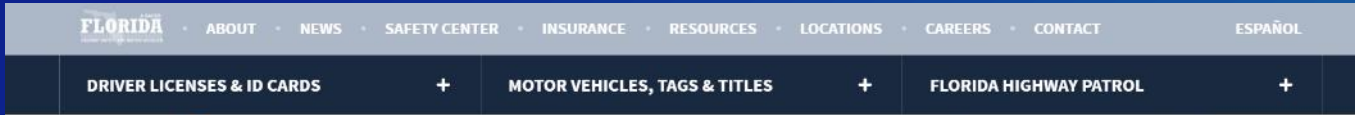
State of Louisiana



Implementations

Transportation 511

A workflow to support update/status on Road Network



Iowa

Kentucky

Florida DEM

City of New Orleans

Maryland

City of Atlanta

Florida DMV

Indiana

Council of Newberry – NZ

Environmental Impact

A comprehensive solution to support project review

Florida Fish and Wildlife

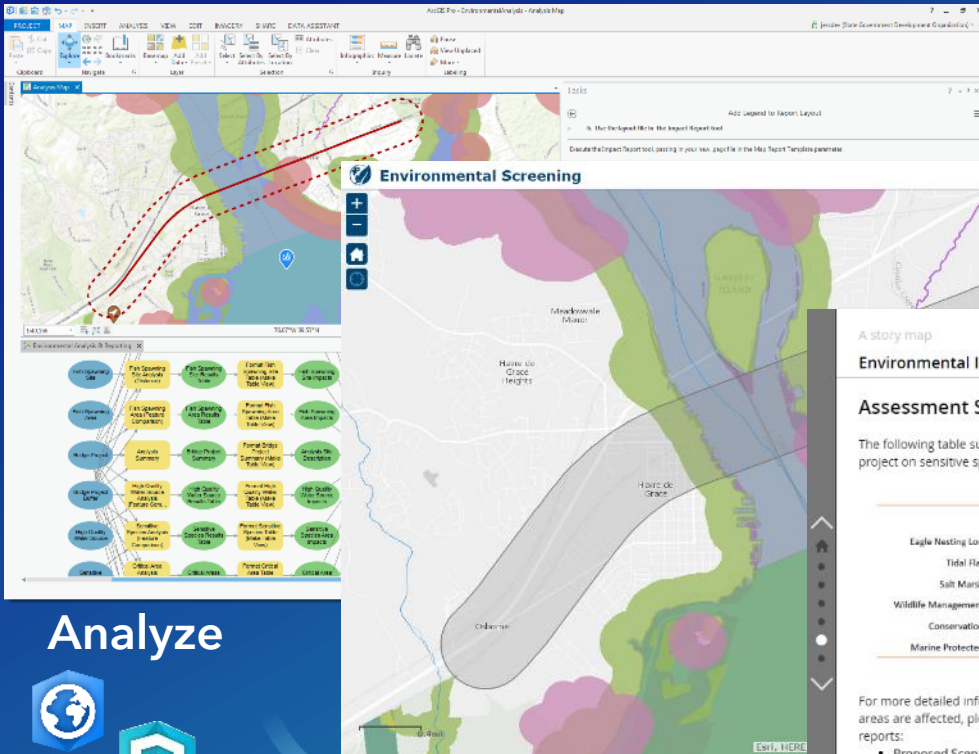
Florida DEM

Esri Ireland

Esri Australia

LHS – Consulting

Mountain Accord – Utah



Analyze



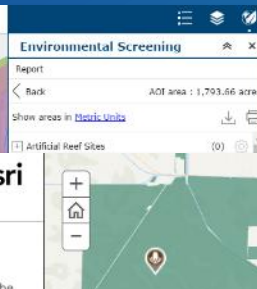
Communicate



Solicit Feedback



Status



Assessment Summary

The following table summarizes the potential impact of the project on sensitive species and protected areas in Florida.

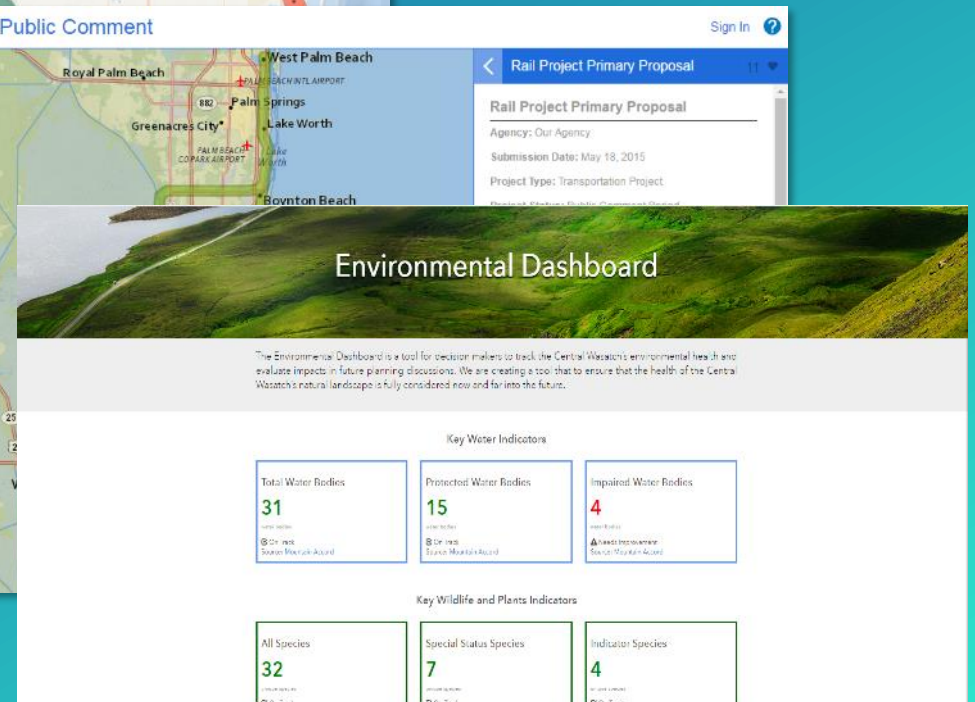
	Proposed	Alternate
Eagle Nesting Locations (count)	30,899	2
Tidal Flat Areas (acres)	145	130
Salt Marsh Areas (acres)	-	-
Wildlife Management Areas (acres)	-	5,711
Conservation Areas (acres)	606	18,375
Marine Protected Areas (acres)	441	136

For more detailed information, including which managed areas are affected, please review the detailed summary reports:

- Proposed Scenario Report
- Alternate Scenario Report

Provide Feedback

Environmental Impact Public Comment



Demo

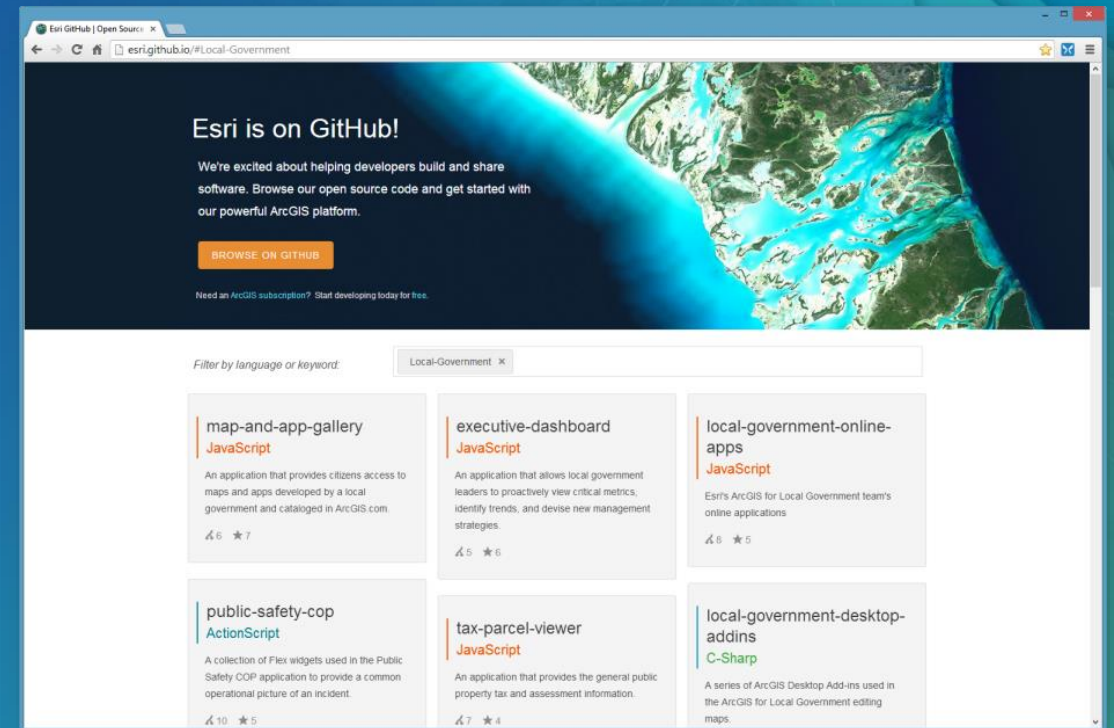
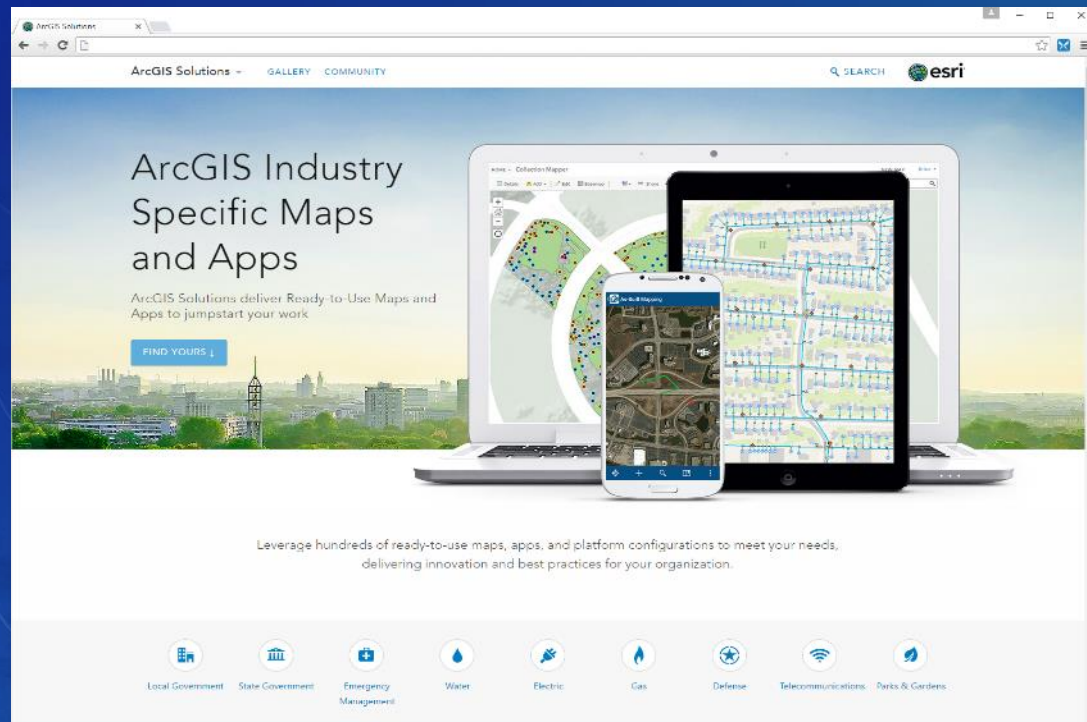


2017 Priorities

- Modernize solutions
 - ArcGISPro, WebApp Builder, 4.x API, Field Workflows
- UC Release
 - Environmental Screening, Transportation 511 updates, Field Workflows, Printing Dijit
- Post UC
 - Executive Dashboard, Environment, Agriculture, Field Workflows, Hub

Join the Community

It's not just about the technology



Closing

- Deliver solutions that enables success
 - Easier to deploy and sustain
- Evolve and grow the collection of apps
- Develop a community of users
- Provide a platform for partners to deploy their solutions

UC Events

- ArcGIS for State Government Sessions
 - Six technical workshops
 - Nine demo theatre sessions (Theater 2)
- State and Local Government Social
- Solution Island
 - Focused conversations / support

The logo consists of the letters 'UC' in a large, bold, white sans-serif font, centered on a dark purple rectangular background.

Esri User Conference

Applying The Science of Where

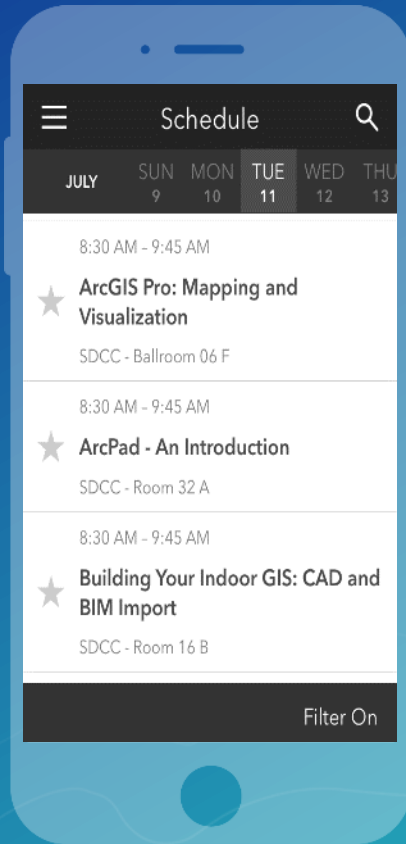
July 10 - 14, 2017 | San Diego, California

Please Take Our Survey on the Esri Events App!

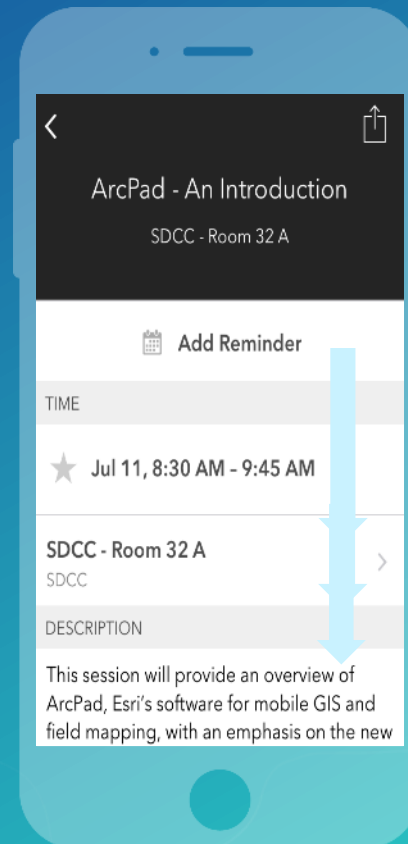
Download the Esri Events app and find your event



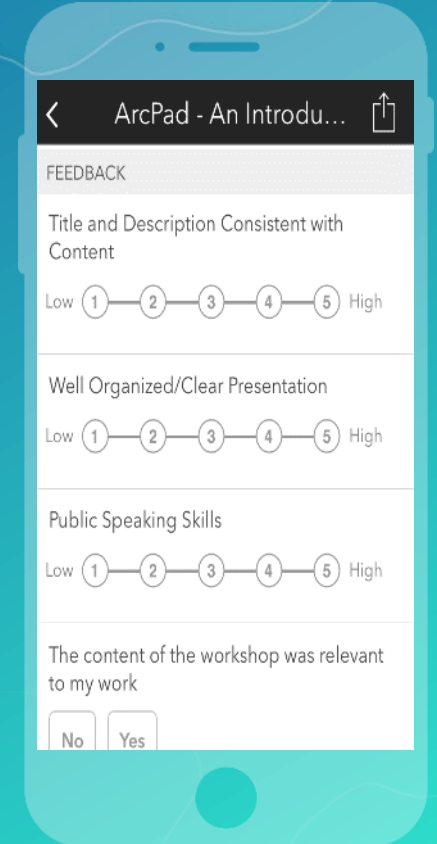
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



Thank you

Be innovative, aware, and know you are not alone

-  <http://solutions.arcgis.com/#State-Government>
-  <http://meetup.com/ArcGIS-for-State-Government/>
-  [@ArcGISStateGov](https://twitter.com/ArcGISStateGov)
-  <http://esri.github.com>

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esri

THE
SCIENCE
OF
WHERE