

Deploying Fire Service Maps and Apps for Local Government

Heather Eisan

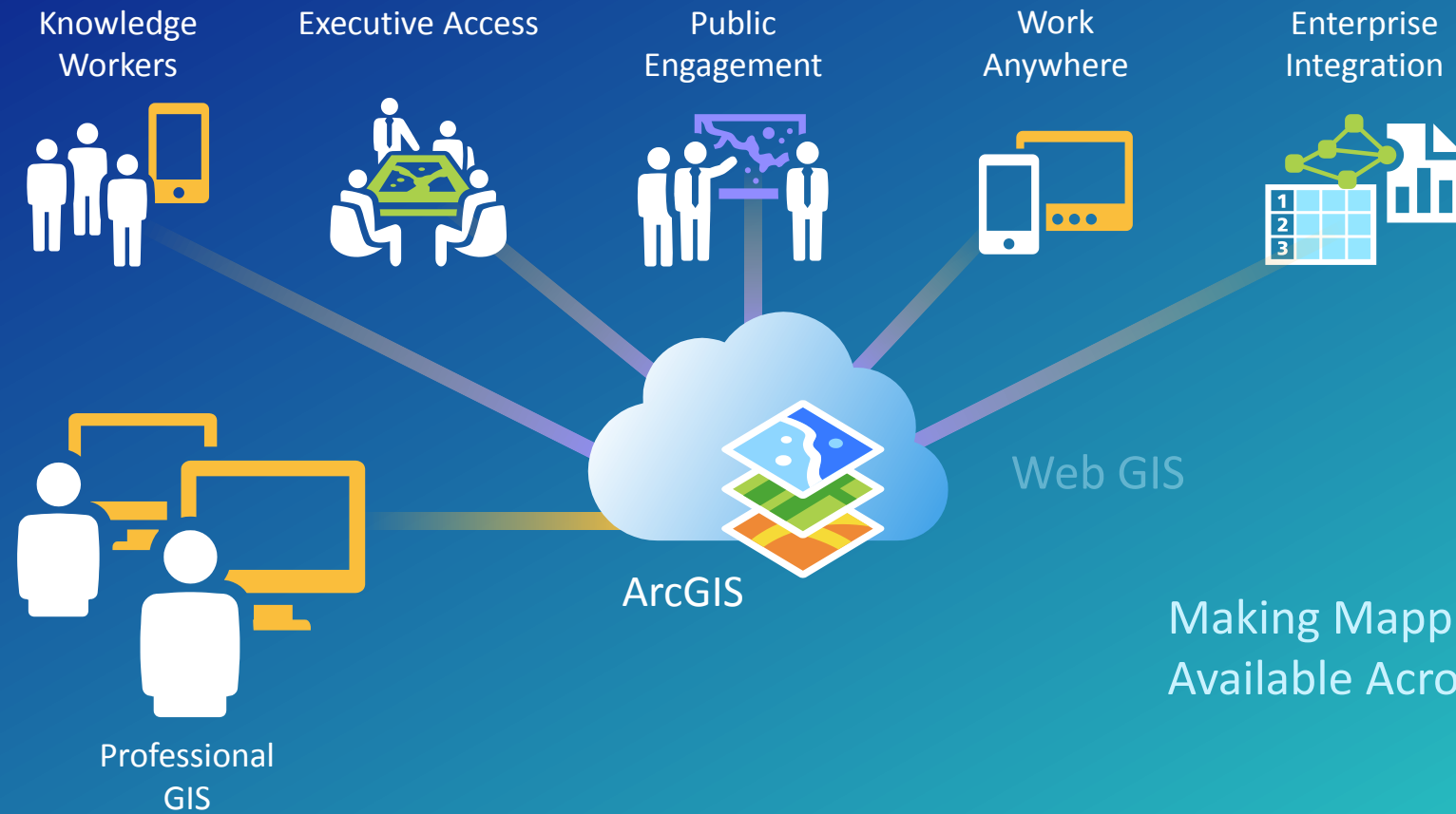
Walter Potts

Workshop Agenda

- Introduction of Local Government Solutions Program
- Overview of Fire Service Solutions
- Overview of Opioid Epidemic Solution
- Demonstrate Pre-Incident Planning Solution
- Demonstrate Solution Deployment Tool
- User Testimony of Pre-Incident Planning Implementation
- Resources and Roadmap Ahead
- Q & A

ArcGIS as a Platform

Simple, Open, and Configurable



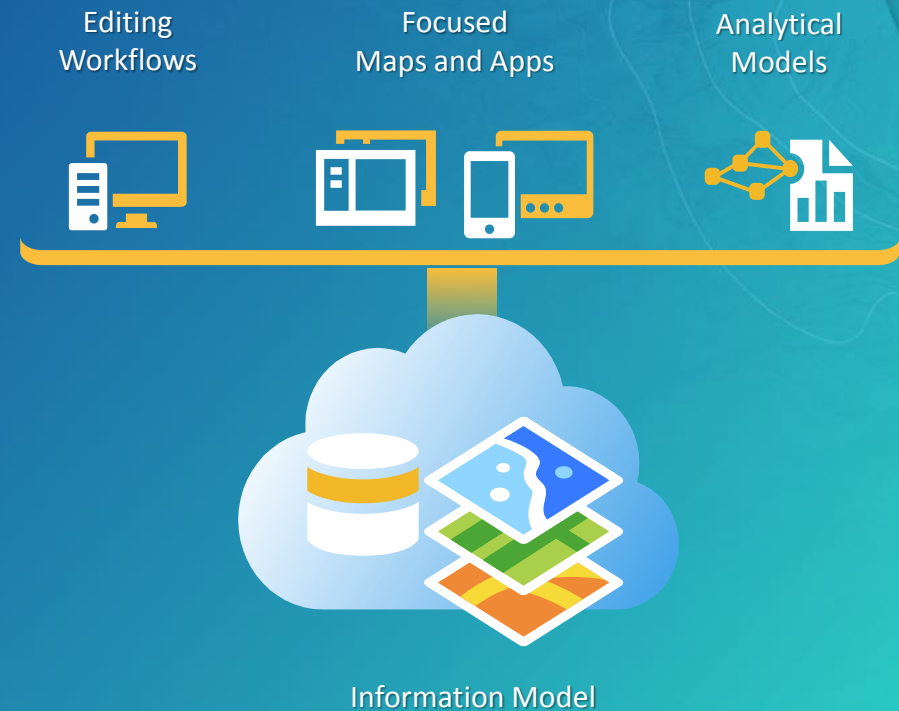
Making Mapping and GIS
Available Across Your Organization

Transforming the Role of GIS

ArcGIS for Local Government

Solutions for Esri's government customers

- Collection of useful maps and apps
 - Configurable and extensible
 - Freely available and fully supported
- Community of users
 - Best Practices / Implementation Ideas
- Network of Esri Services and Partner offerings
 - Help users implement, sustain and enhance



.....Available on-premise or in the cloud

ArcGIS for Local Government

- Deliver maps and applications quickly throughout their organization
 - Roadmap for standard capabilities, improve service delivery, expand reach, innovation....
- Stay current with future releases / avoid legacy technology
 - Save time and money, leverage new ArcGIS offerings, focus on complex or unique problems....
- Unlock geospatial platform so it can be leveraged by many
- Leverage the collective knowledge of the entire community
 - Best practices, industry tradecraft....

Elections

Early Voting

Election Polling Places

Polling Wait Times

Election Results

Historical Election Results Gallery

My Elected Representative

Land Records

Tax Parcel Editing

Data Reviewer for Parcels

Public Land Survey Editing

Parcel Drafter

Community Parcels

Value Analysis Dashboard

My Tax Distribution

Tax Reverted Properties

Assessment Appeals

Tax Parcel Viewer

School Locator

Residential Comp Finder

Tax Map Book

Public Health

Opioid Awareness Maps

Naloxone Deployment Reporter

Drug Activity Reporter

Drug Drop-off Locator

Drug Drop-off Calculator

Health Resource Inventory

Opioid Treatment Locator

Pain Management Locator

Opioid Response Dashboard

Homeless Point-in-Time Counts

Homeless Service Locator

Homeless Activity Reporter

Law Enforcement

Cell Phone Analysis

Near Repeat Analysis

Public Safety Incident Maps

Field Interview Map

Tactical Operation Planner

Tactical Operation Dashboard

Tactical Operation Surveillance

Fire Service

Fire Station Wall Map

Fire Incident Maps

Fire Run Book

Target Hazard Analysis

Pre-Incident Plan Coordinator

Pre-Incident Plan Field Inventory

Pre-Incident Plan Dashboard

Pre-Incident Plan Locator

Fire Hydrant Inspection

Fire Safety Survey

AED Reporter

AED Locator

AED Inventory

Emergency Assistance

Public Works

Campus Place Locator

Campus Editing

Citizen Problem Reporter

My Government Services

Plans and Drawings

Road Maintenance Agreements

Public Parking

Capital Project Planning

Capital Project Tracking

Road Closures

Vision Zero

Crash Analysis

Road Network Editing

Adopta

Flood Planning

SnowCOP

Participatory Budgeting

Sign Inventory

Signal Inventory

Streetlight Inventory

Street Tree Inventory

Bridge Inventory

Sidewalk Inventory

Pavement Marking Inventory

Guardrail Inventory

Street Furniture Inventory

Railroad Crossing Inventory

Mosquito Adulticide Planning

Mosquito Field Observations

Mosquito Health Concerns

Mosquito Larvicide Reporting

Mosquito Population Surveillance

Mosquito Service Request

Mosquito Spray Areas

Mosquito Spray Exclusions

Planning and Development

Address Data Management

Data Reviewer for Addresses

Community Addresses

Address Field Verification

Address Crowdsourcing

Site Selector

Live, Work, Locate

Incentive Zones

Events Calendar

Events Permit

Events Permit Review

Events Site Map

Events Coordination

Events Map Gallery

3D Public Survey

Visualize Proposed Developments

Visibility Assessment

Calculate Solar Radiation

Shadow Impact Analysis

Demolition Tracker

Mortgage Counseling Locator

Blight Status

Photo Survey

Park Locator

Code Violation

Public Comment

Public Notification

Land Use Inquiry

Floodplain Inquiry

Entire Organization

Administrative Area Data Management

Local Government Basemaps

Data Reviewer for Basemaps

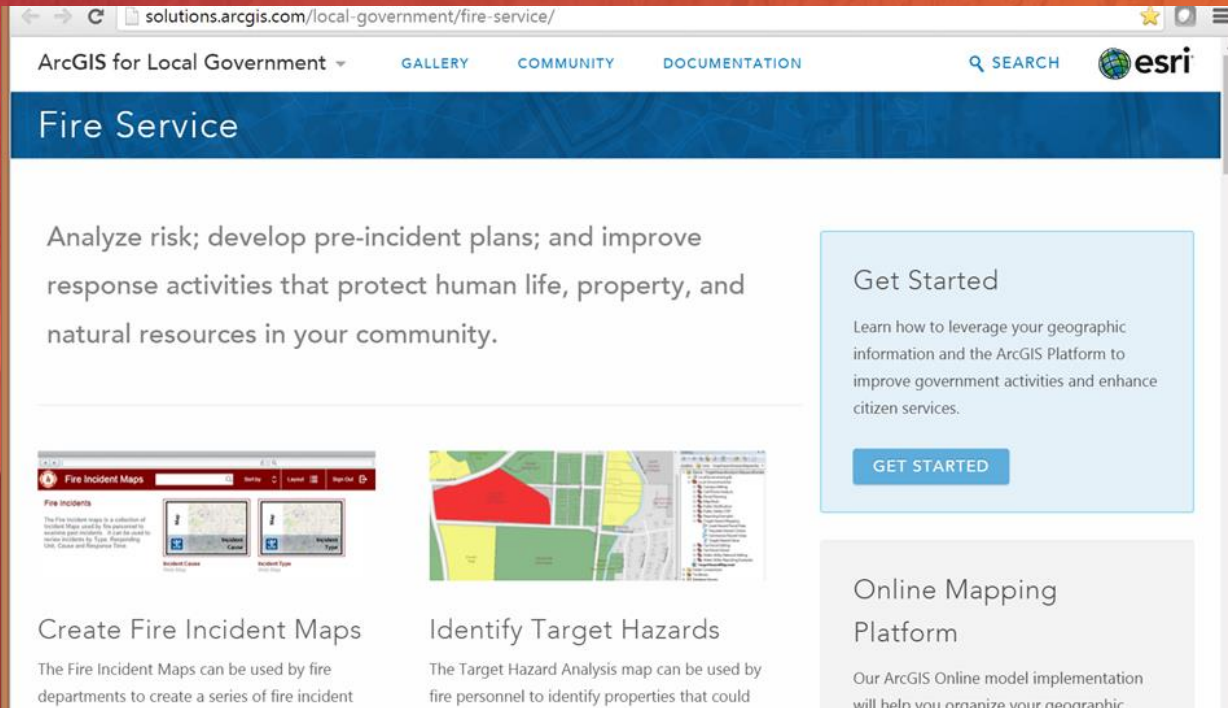
Local Government 3D Scenes

ArcGIS Online Model Organization

Local Government Information Model

Service Catalog

ArcGIS for Fire



Lets See It!

Fire Service Solution Site

Opioid Epidemic Solution

Walter Potts



Opioid Epidemic Strategies

Education

- *Improving awareness of the dangers of prescription and illegal opioid abuse, the nature of the problem in community, and what they can do to help.*

Treatment

- *Ensuring accessibility to treatment options and helping to prioritize and communicate gaps in coverage to treatment facilities.*

Response

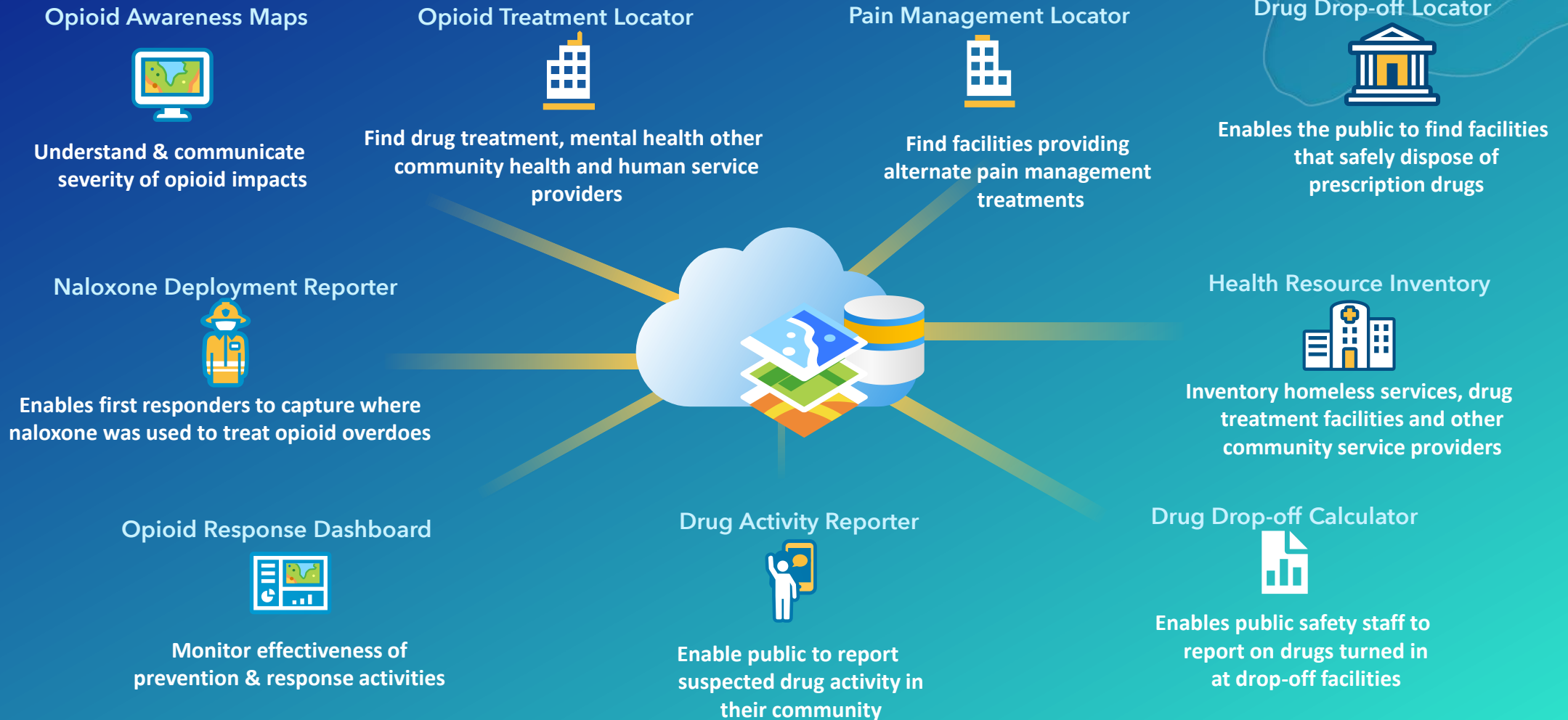
- *Improving ability of first responders and citizens to effectively respond to opioid overdoses.*

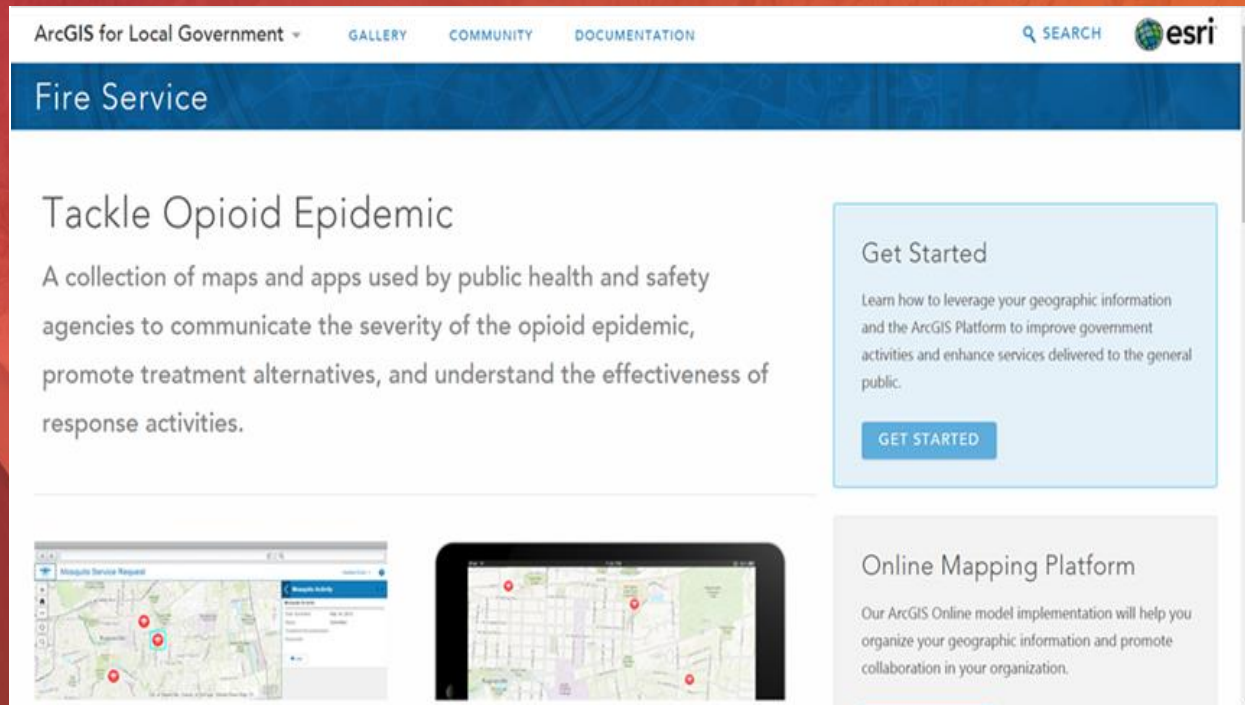
Prevention

- *Mitigating opioid exposure to at-risk groups.*

Tackle Opioid Epidemic

A collection of maps and apps that help communities educate, promote treatment, respond and prevent opioid addiction.

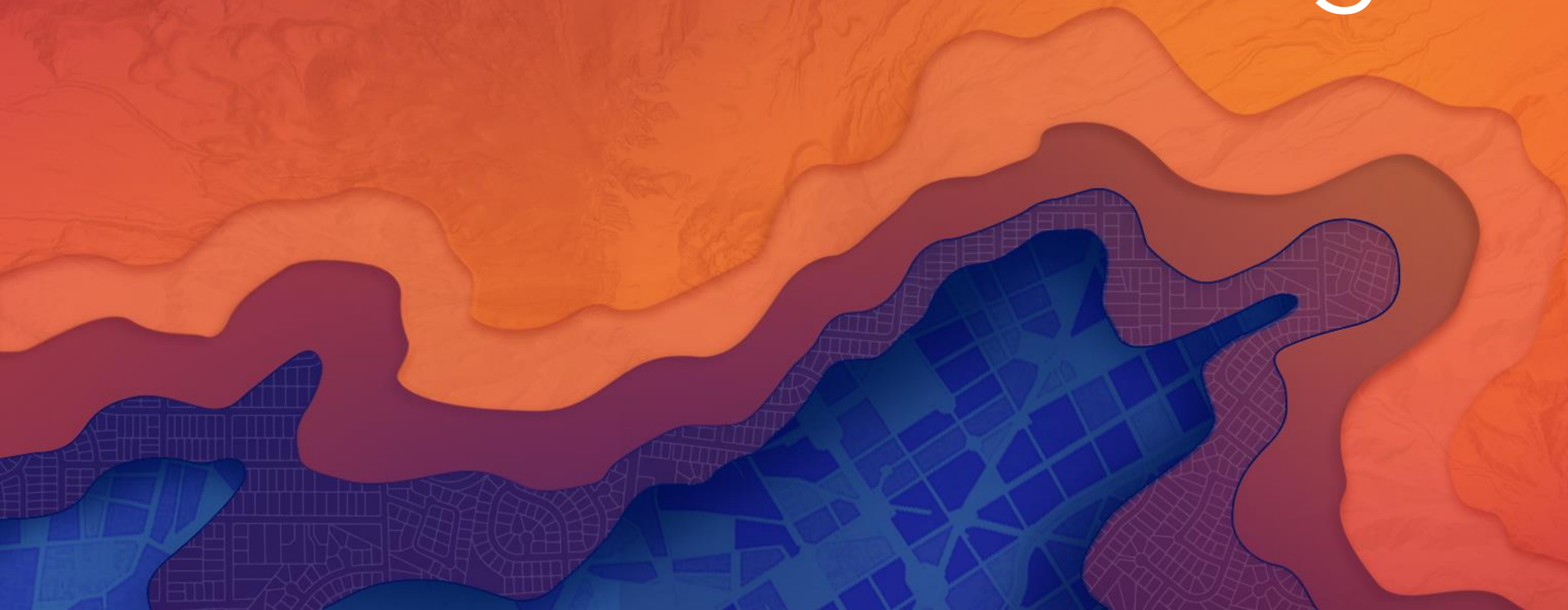




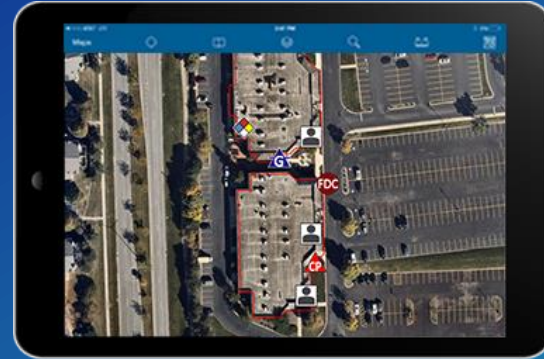
Lets See It!

Opioid Solutions

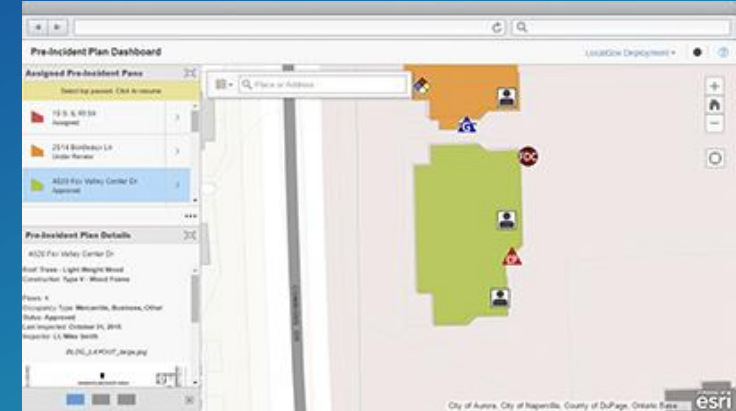
Pre-Incident Planning



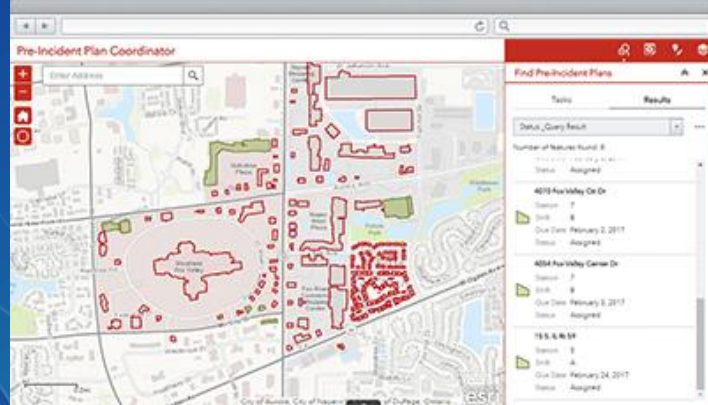
Pre-Incident Planning Application Configuration



Field Inventory



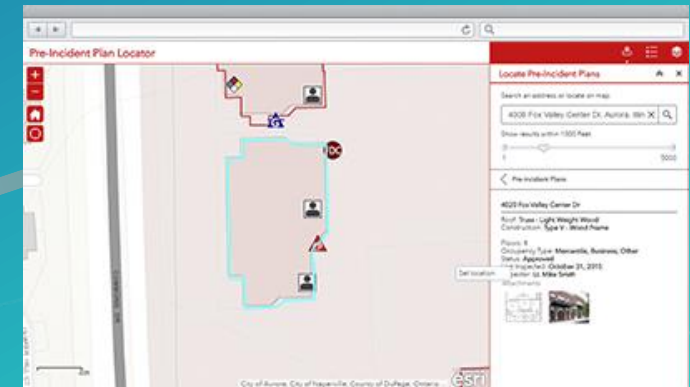
Plan Dashboard



Plan Coordinator




ArcGIS



Plan Locator

ArcGIS for Local Government ▾ GALLERY COMMUNITY DOCUMENTATION

SEARCH 

Fire Service


Develop Pre-Incident Plans

A collection of maps and apps used by fire operations staff to streamline the collection of pre-incident plans required to deal with a potential incident.


Get Started

Learn how to leverage your geographic information and the ArcGIS Platform to improve government activities and enhance services delivered to the general public.

[GET STARTED](#)



Coordinate Pre-Incident Plans



Collect Pre-Incident Information

Online Mapping Platform

Our ArcGIS Online model implementation will help you organize your geographic information and promote collaboration in your organization.

Lets See It!

Pre-Incident Planning

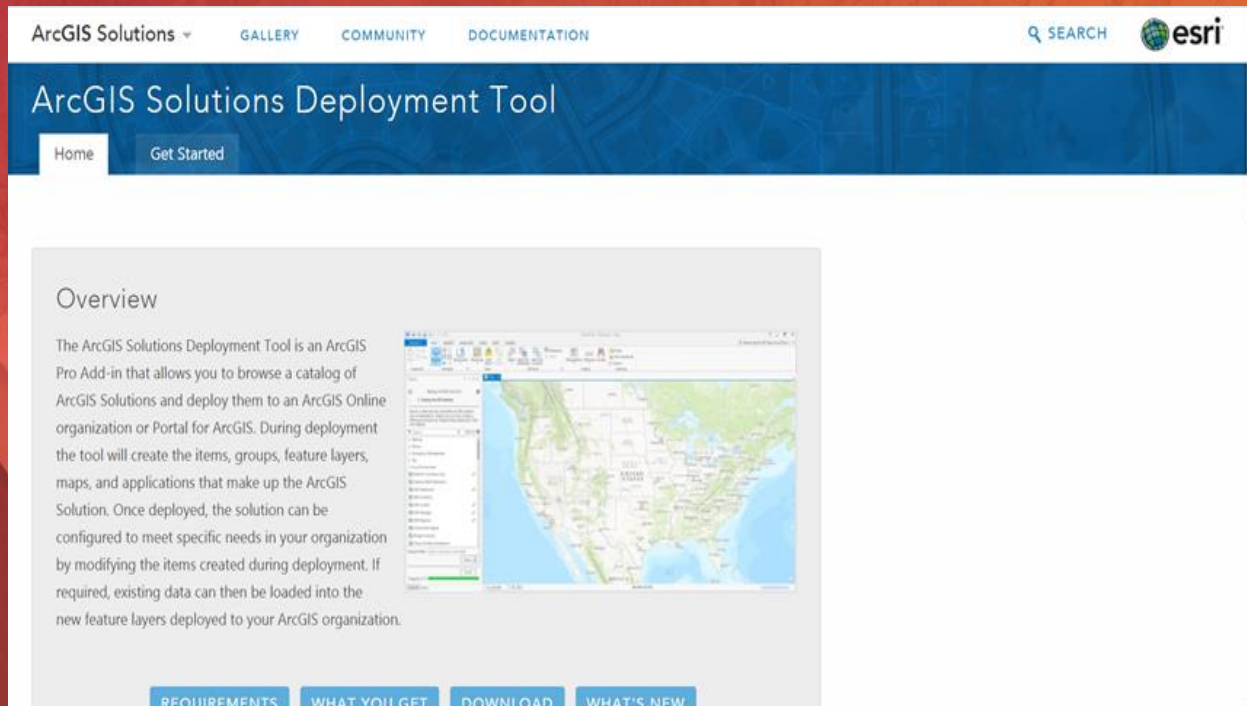
Solution Deployment Tool

Walter Potts

solutions.arcgis.com/local-government/help/deployment-tool/

ArcGIS Solutions Deployment Tool

- New Add-In to ArcGIS Pro
- Can be used to deploy ArcGIS Solutions into your ArcGIS Online or ArcGIS Enterprise organization.
- Set of tasks to guide you through deployment process
- Includes tasks for adding fields and domains
- Can be load your data into an existing feature service and map output fields



Lets See It!

ArcGIS Solutions Deployment

User Testimony



NORTHWEST FIRE DISTRICT, TUSCON AZ.

JIM LONG: FIRE DEPARTMENT SENIOR GIS ANALYST

THOMAS KRINKE: FIRE FIGHTER/PARAMEDIC

Closing

- Deliver a “Fire Service GIS” 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

Coming Soon

- Flood Planning 2.0
- Fire Run Book 2.0
- Station Wall Map 2.0
- Event Planning
- Event Operations

Contact me if your interested in collaborating
On any of these future solutions
wpotts@esri.com

Questions



UC Events

- ArcGIS for Local Government Sessions
 - Ten tech workshops
 - Thirteen demo theatre sessions
- Special Interest Group
 - Wednesday lunch for LG
- Solution Island
 - Focused conversations / support



Search for: “ArcGIS for Local Government”

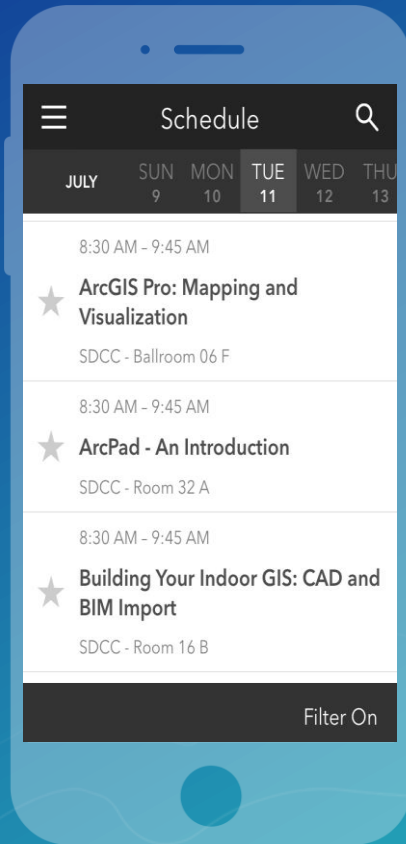
<http://www.esri.com/events/user-conference/agenda>

Please Take Our Survey on the Esri Events App!

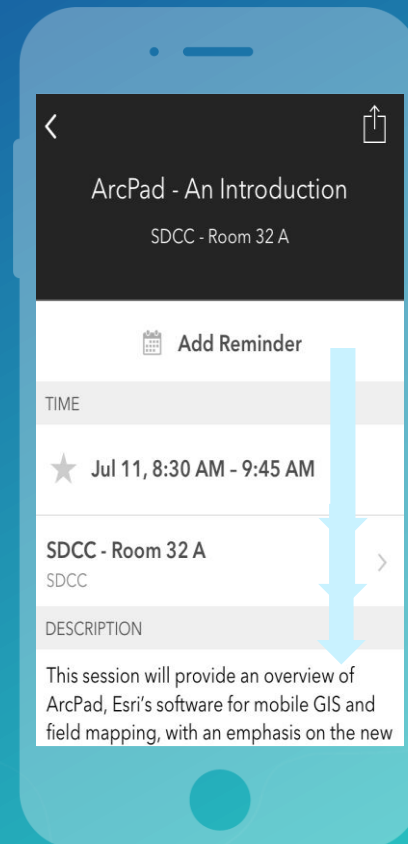
Download the Esri Events app and find your event



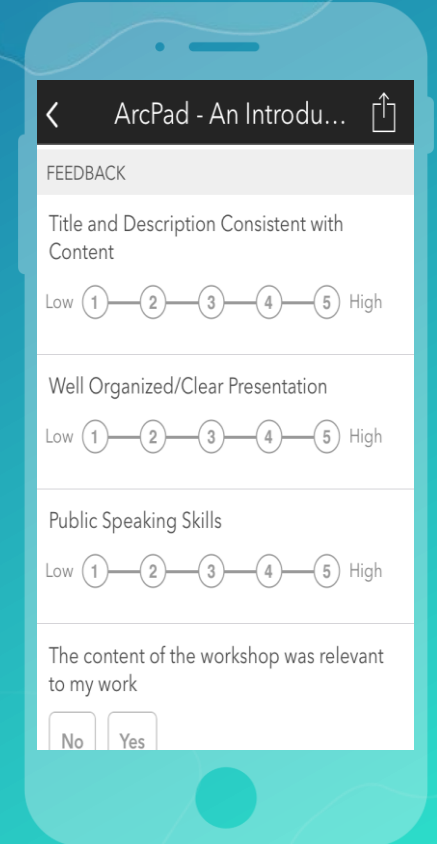
Select the session you attended



Scroll down to find the survey

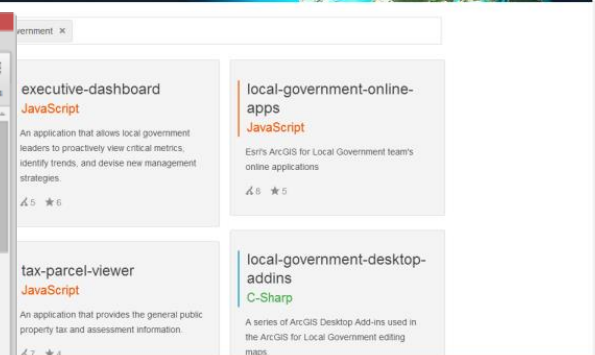
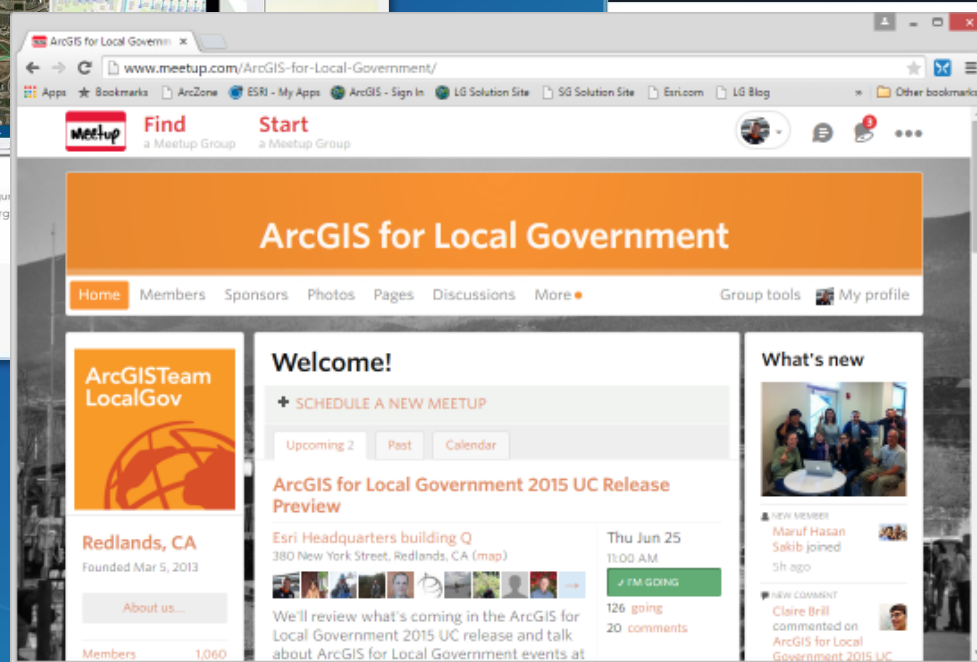
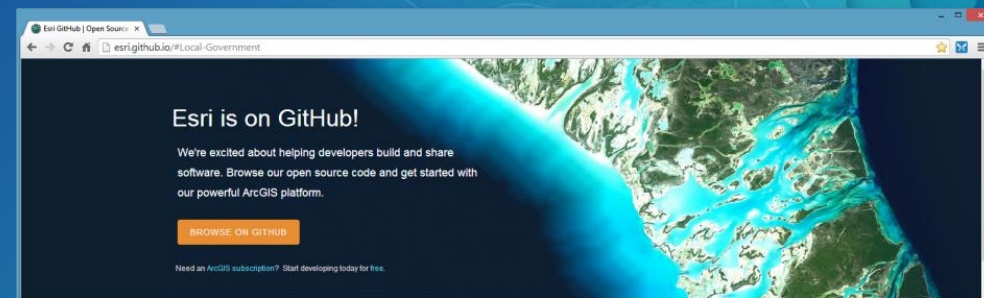
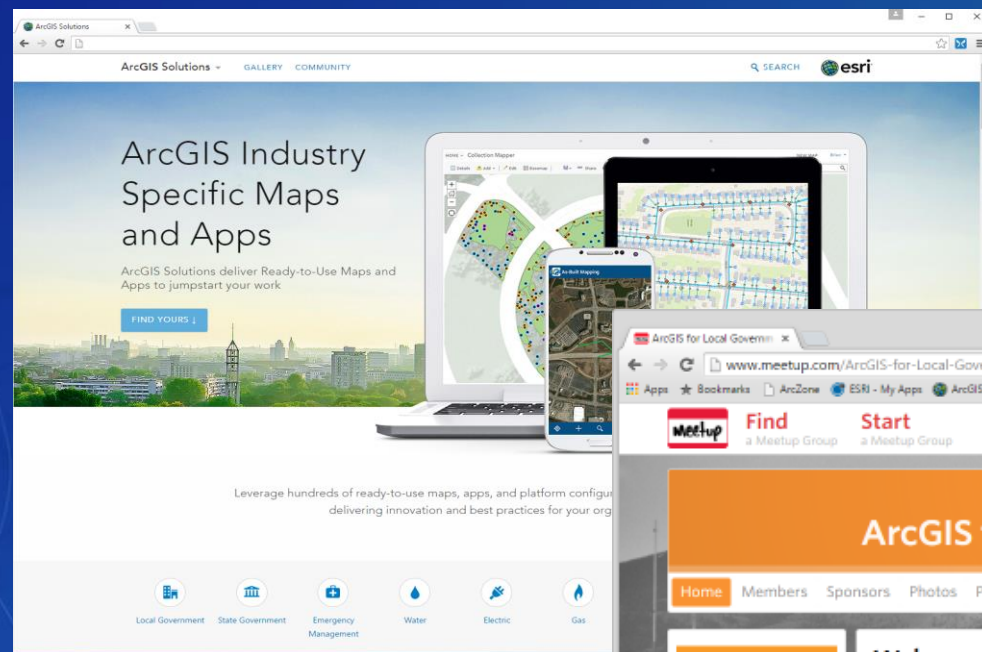


Complete Answers and Select "Submit"



Join the Community

It's not just about the technology



Thank you

Be innovative, aware, and know you are not alone



<http://solutions.arcgis.com/#Local-Government>



<http://meetup.com/ArcGIS-for-Local-Government/>



@ArcGISLocalGov



<http://esri.github.com>



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THE
SCIENCE
OF
WHERE