Public Engagement Maps and Apps for State and Local Governments

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Agenda

• Introduction

• Public Engagement Maps and Apps

• What’s Next

• Your Feedback
GIS Has Evolved

Your GIS is an Interconnected Platform

Faster Computing

Devices

Desktop

Apps

Web

Open

Community Content

Web Services

Cloud

Networks

ArcGIS

Bringing Together Data, Technology, and People . . .

. . . Creating a Framework for Solving Complex Problems
ArcGIS Solutions for State and Local Government

Improving local government operations and enhancing services provided to the public

- Collection of useful maps and apps
  - Configurable and extensible
  - Freely available and fully supported

- Community of users (2000+ Meetup members)
  - Best Practices / Implementation Support

- Network of Esri Services and Partner offerings
  - Help users implement, sustain and enhance

Available on-premise or in the cloud
Mission

• 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
  • Mitigate many organizational challenges, maximize technical expertise....

• Leverage the collective knowledge of the entire community
  • Best practices, industry tradecraft....
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**Public Health**

- Tackle Opioid Epidemic
  - 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

- Reduce Homelessness
  - Homeless Point-in-Time Counts
  - Homeless Service Locator
  - Homeless Activity Reporter

**Fire Service**

- Improve Fire Operations
  - Target Hazard Analysis
  - Pre-Incident Plan Coordinator
  - Pre-Incident Plan Field Inventory
  - Pre-Incident Plan Dashboard
  - Pre-Incident Plan Locator

- Increase Fire Prevention
  - Citizen Problem Reporter
  - My Trash Services
  - Adopta

- Respond to Emergencies
  - Emergency Assistance
  - Warming/Cooling Center Locator
  - Warming/Cooling Center Reporter

**Public Works**

- Maintain Public Road Network
  - Crash Analysis
  - High Injury Network Locator
  - Vision Zero
  - Fatal and Serious Crash Dashboard

- Promote Public Parking
  - Crashing Analysis
  - Parking Mating Inventory
  - Guardrail Inventory
  - Street Furniture Inventory
  - Railroad Crossing Inventory
  - Traffic Calming Inventory
  - Traffic Intersection Inventory
  - Cycling Infrastructure Inventory

- Respond to Emergencies
  - Citizen Problem Reporter
  - My Trash Services
  - Adopta

- Engage the Public
  - Fire Safety Survey

**Planning and Development**

- Manage Address Information
  - Street Tree Inventory
  - Bridge Inventory
  - Sidewalk Inventory
  - Pavement Marking Inventory
  - Guardrail Inventory
  - Street Furniture Inventory
  - Railroad Crossing Inventory
  - Traffic Calming Inventory
  - Street Intersection Inventory
  - Cycling Infrastructure Inventory
  - Manage ROW Activities
  - Mosquito Populations
  - Manage ROW Activities
  - Street Tree Inventory
  - Bridge Inventory

- Visualize Proposed Developments
  - Mosquito Adulticide Planning
  - Mosquito Field Observations
  - Mosquito Health Concerns
  - Mosquito Larviciding Reporting
  - Mosquito Population Surveillance
  - Mosquito Service Request
  - Mosquito Spray Areas
  - Mosquito Spray Exclusions

**Law Enforcement**

- Organize Foundational Data
  - Perform Crime Analysis
  - Develop Tactical Plans
  - Inform the Public
  - Near Repeat Analysis
  - Develop Tactical Plans
  - Tactical Operation Planner
  - Tactical Operation Dashboard
  - Tactical Operation Surveillance

- Inform the Public
  - Public Crime Map
  - Neighborhood Crime Reports

- Maintain Address Information
  - Capital Improvement Plan
  - Capital Project Dashboard
  - Capital Project Journals
  - Capital Project Location
  - Capital Project Plans
  - Capital Project Reports
  - Capital Project Review
  - External Agency Projects
  - Pavement Moratoriums
  - Participatory Budgeting

- Respond to Emergencies
  - Flood Planning
  - SnowCOP

- Maximize Capital Investments
  - Capital Improvement Plan
  - Capital Project Dashboard

- Engage the Public
  - Warming/Cooling Center Reporter

- Entire Organization
  - My Neighborhood Services
  - My Park Services
  - My Street Services
  - My Fire Services
  - My Police Services
  - My Sanitation Services

**Entire Organization**

- Monitor Performance
  - Tackle Opioid Epidemic
  - Reduce Homelessness
  - Assess Resiliency

- Performance Management
  - Entire Organization
  - Performance Management
Public Engagement Maps and Apps
Improving decisions through transparency, engagement and accountability

Promoting Transparency
- Access Public Info
- Open Data
- Locate Places
- Tell Stories
- Gather Sentiment
- Solicit Feedback
- Have Dialog
- Enlist Participation
- Take Action

Increasing Accountability
- Participatory Budgeting
- Park Locator
- Public Notification
- Vision Zero
- Wildlife Management Area Locator
- School Locator
- Demolition Tracker
- Citizen Problem Reporter
- My Tax Distribution
- My Government Services
- Permit Status
- Site Selector
- Road Closures
- Adopta
- Election Polling Places
- Tax Parcel Viewer
- My Elected Representative
- Transportation 511
- Homeless Service Locator

Public Information
Public Sensor
ArcGIS Hub
Collaborate
Expand Community
Public Engagement Maps and Apps

Building a community through conversation, engagement, and accountability

Inform
- Solutions
  - AED Locator
  - Citizen Problem Reporter
  - Early Voting
  - Election Polling Places
  - Election Results
  - BMP Reports
- Technology
  - Good Popups
  - Web AppBuilder
  - Crowdsource Reporter

Engage
- Solutions
  - AED Reporter
  - AED Manager
  - Citizen Problem Reporter
  - Citizen Problem Manager
  - BMP Surveys
- Technology
  - Good Popups
  - Crowdsource Reporter
  - Crowdsource Manager

Monitor
- Solutions
  - AED Inventory
  - AED Dashboard
  - Citizen Problem Dashboard
  - Polling Place Wait Times
  - BMP Dashboard
- Technology
  - Collector for ArcGIS
  - Operations Dashboard for ArcGIS
  - ServiceFunctions Toolbox
What’s Next

• Accessibility

• Embeddable Web AppBuilder configurations

• ArcGIS Hub initiatives
  • Homelessness
  • Opioid Epidemic
  • Vector-Borne Diseases
  • Performance Management
  • Capital Investments
The Community

It’s not just about the technology
Closing

- Deliver public engagement solutions that enable your success
  - Easier to deploy and sustain

- Evolve and grow the solution offerings

- Develop a community of users

- Provide a platform for partners to deploy their solutions
UC Events

- ArcGIS Solutions for Local Government Sessions
  - Thirteen tech workshops
  - Nine demo theatre sessions
- Solution Island
  - Focused conversations / support
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
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”