Leveraging ArcGIS to Reduce Traffic Fatalities

Chris Fox
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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<thead>
<tr>
<th>Elections</th>
<th>Public Health</th>
<th>Fire Service</th>
<th>Public Works</th>
<th>Planning and Development</th>
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<tbody>
<tr>
<td>Share Election Results</td>
<td>Tackle Opioid Epidemic</td>
<td>Improve Fire Operations</td>
<td>Maintain Public Road Network</td>
<td>Manage Address Information</td>
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<td>Early Voting</td>
<td>Reduce Homelessness Epidemic</td>
<td>Develop Pre-Incident Plans</td>
<td>Promote Public Parking</td>
<td>Manage Row Populations</td>
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**Land Records**
- Manage Assessment Roll
- Determine Property Value
- Respond to Appeals
- Photo Survey
- Tax Map Book
- Community Parcels
- Inform Public
- Determine Property Value
- Value Analysis Dashboard
- Tax Reverted Properties
- Respond to Appeals
- Property Tax Assessment Appeal
- Inform the Public
- Tax Parcel Viewer
- My Tax Distribution
- School Locator
- Residential Comp Finder
- Organize Foundational Data
- Perform Crime Analysis
- Develop Tactical Plans
- Near Repeat Analysis
- Inform the Public
- Tactical Operation Planner
- Tactical Operation Dashboard
- Tactical Operation Surveillance
- Inform the Public
- Public Crime Map
- Neighborhood Crime Reports
- Monitor Performance
- Tackle Opioid Epidemic
- Reduce Homelessness
- Assess Resiliency
- High Injury Network Locator
- Citizen Problem Reporter
- My Trash Services
- Adopta
- Respond to Emergencies
- Emergency Assistance
- Warming/Cooling Center Location
- Warming/Cooling Center Reporter
- Flood Planning
- SnowCOP
- 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
- Capital Project Plans
- ROW Permit
- ROW Permit Manager
- ROW Permit Dashboard
- ROW Permit Review
- ROW Permit Locator
- ROW Permit Public Comment
- Property Condition Survey
- Neighborhood Early Warning
- Blight Status
- Demolition Tracker
- Mortgage Counseling Locator
- Code Violation
- Engage the Public
- Construction Activity Tracker
- Park Locator
- Public Comment
- Public Notification
- Photo Survey
Mobility Initiatives in Local Government

- **Complete Streets**
  - Streets designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities.

- **Vision Zero**
  - Eliminate all traffic fatalities and severe injuries — while increasing safe, healthy, equitable mobility for all.
Reduce Traffic Fatalities

• What is it
  - A collection of maps and apps used to identify roadway hazards and dangerous traffic behaviors that could lead to serious injury or fatality.
    - Analyze crash data
    - Report pedestrian safety issues
    - Locate high risk roadways
    - Explore serious injury crashes
  - Partners
    - Austin (TX)
Show Me!
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.”
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<tr>
<th>WORKSHOP</th>
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<th>TIME FRAME</th>
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<tr>
<td>• ArcGIS for Local Government: An Introduction</td>
<td>• Room 15 B</td>
<td>• Tuesday 4:00 pm - 5:00 pm</td>
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<td>• Using Web AppBuilder for Communicating Road Status</td>
<td>• Demo Theater 14</td>
<td>• Wednesday 11:15 am - 12:00 pm</td>
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<tr>
<td>• Public Works Maps and Apps for Local Government</td>
<td>• Room 10</td>
<td>• Wednesday 1:00 pm - 2:00 pm</td>
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<tr>
<td>• Configuring the ArcGIS for Local Government Solution</td>
<td>• Room 31 C</td>
<td>• Wednesday 2:30 pm - 3:30 pm</td>
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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