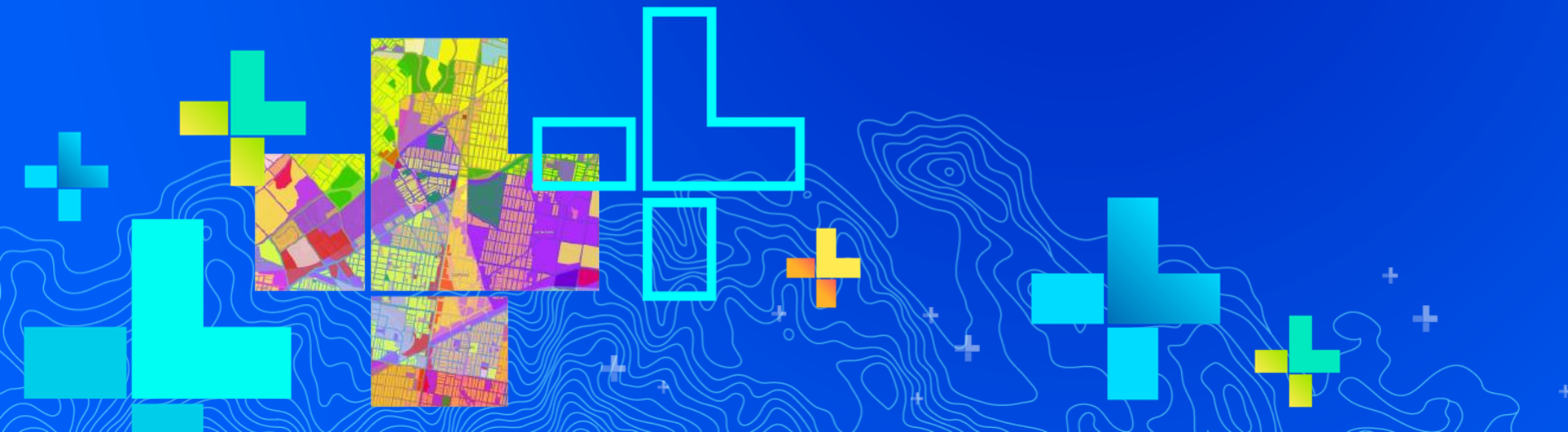# Leveraging ArcGIS Solutions to support Emergency Management Operations

Jeremiah Lindemann

Agenda

- **Overview of set of Solutions for Emergency Management Operations**
- **How to publish the solutions to your environment**
- **Common configuration workflows**

ArcGIS Solution Templates | State and Local Government

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

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

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

Editing Workflows

Focused Maps and Apps

Analytical Models

Information Model
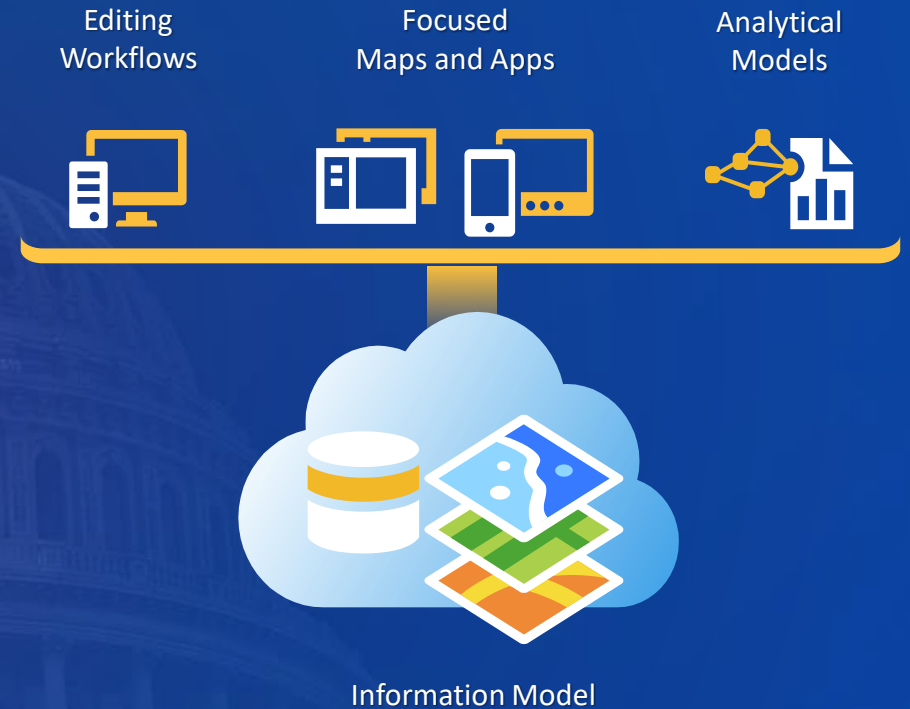
…Improving government operations and enhancing services provided to the public

Challenges

- Remaining in a "constant state of preparedness"
- Understanding what, and who, is affected if an incident where to occur
- How to apply limited resources effectively
- Monitoring activity during dynamic conditions and providing real time operational briefs
- Conducting rapid damage assessment and ensuring community recovers effectively
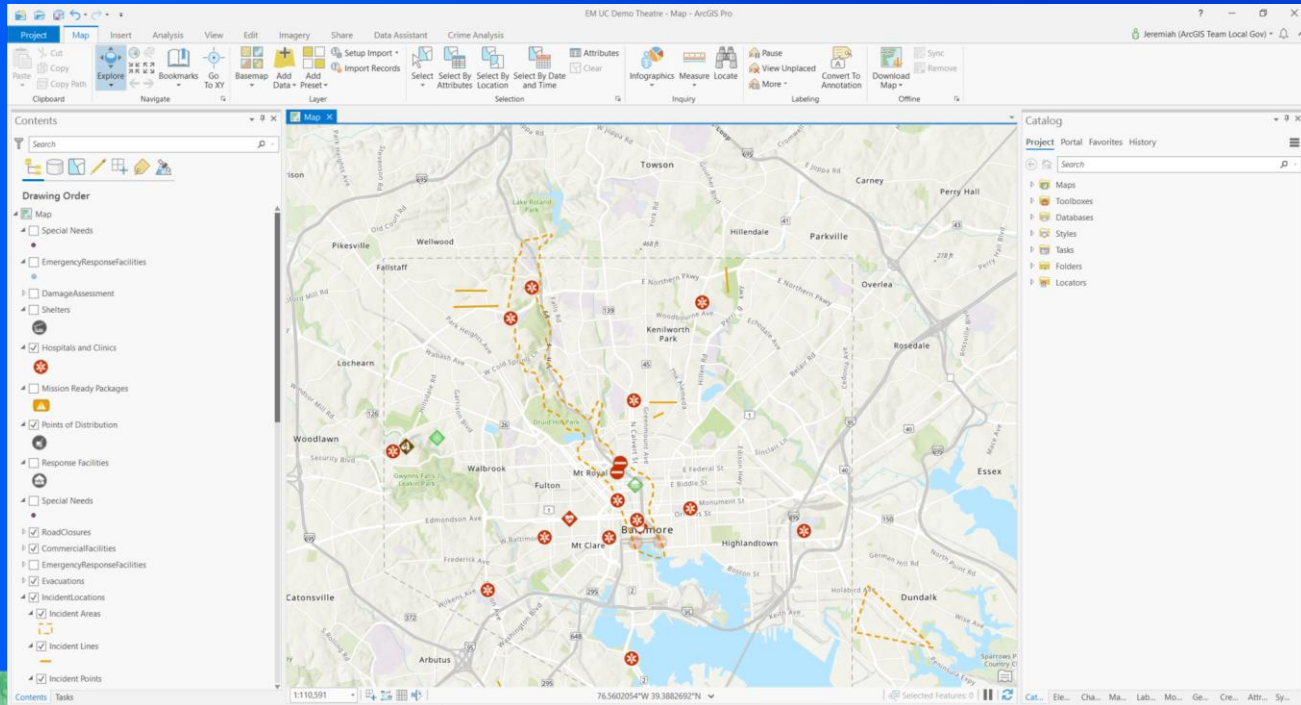- Communicating effectively with the public

Emergency Management Solutions

1. Situational Awareness Viewer
   - Understand the impact of an incident on public infrastructure and human populations

2. Operations Response
   - Manage incident response activities and resources

3. Incident Status Dashboard
   - Measure progress on incident objectives in the Emergency Operations Center

4. Incident Briefing
   - Brief key stakeholders of the current status during an incident

5. Damage Assessment Dashboard and Surveys
   - Monitor initial field assessments and determine whether costs exceed state or federal thresholds

6. Public Information
   - Provide authoritative information and current status to the general public
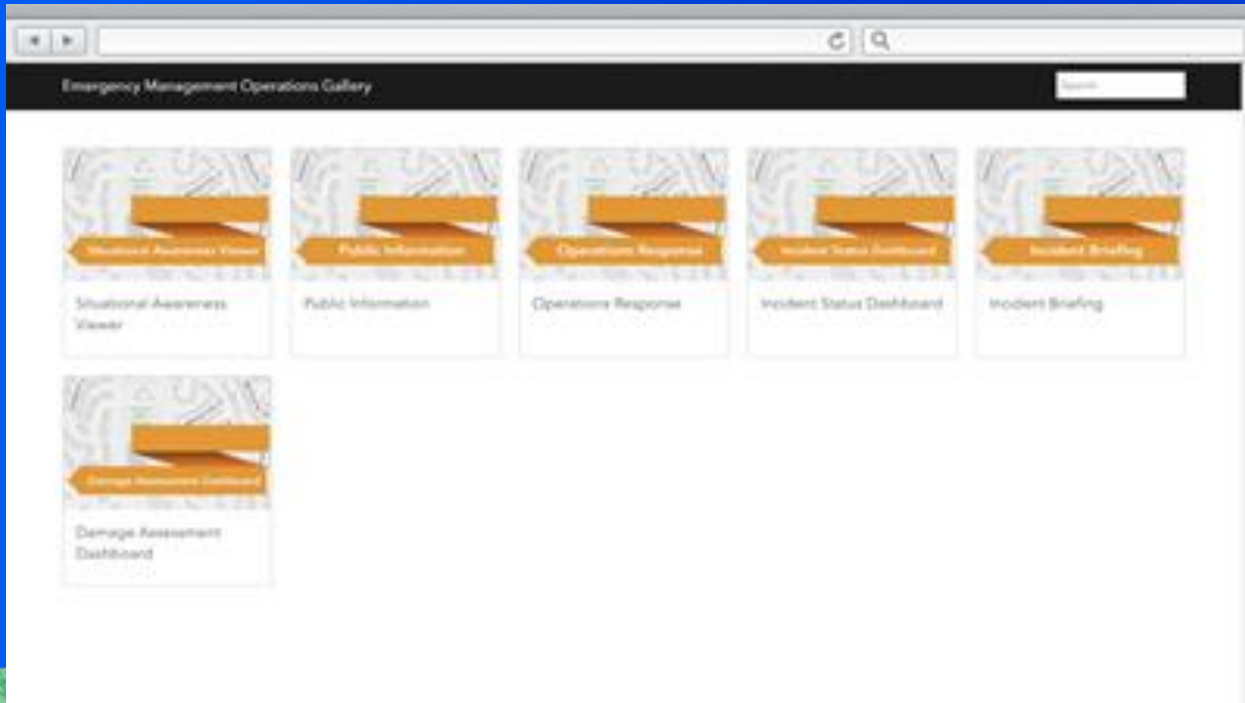
Show me

Overview of the solution

Show me

Publishing the Solution and Loading Data
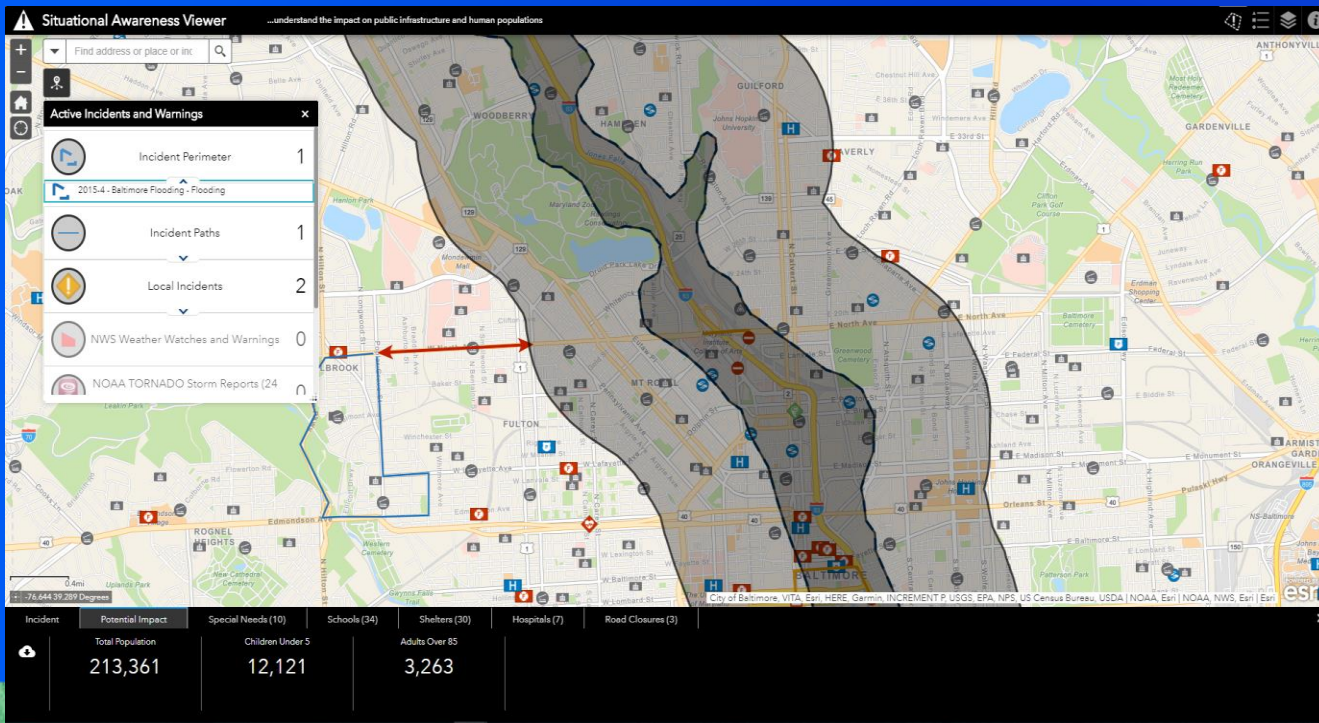
Show me
Adding Living Atlas Data

Show me

Branding Apps/Extending Reports
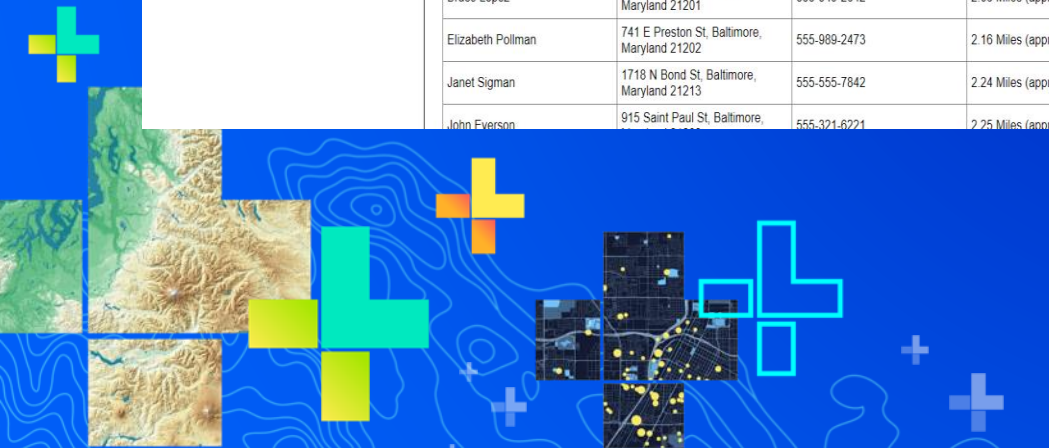
The Community

It's not just about the technology
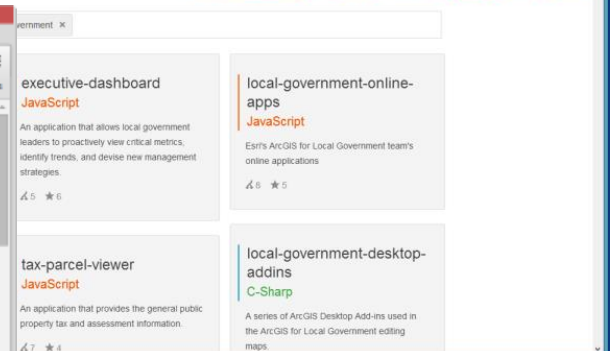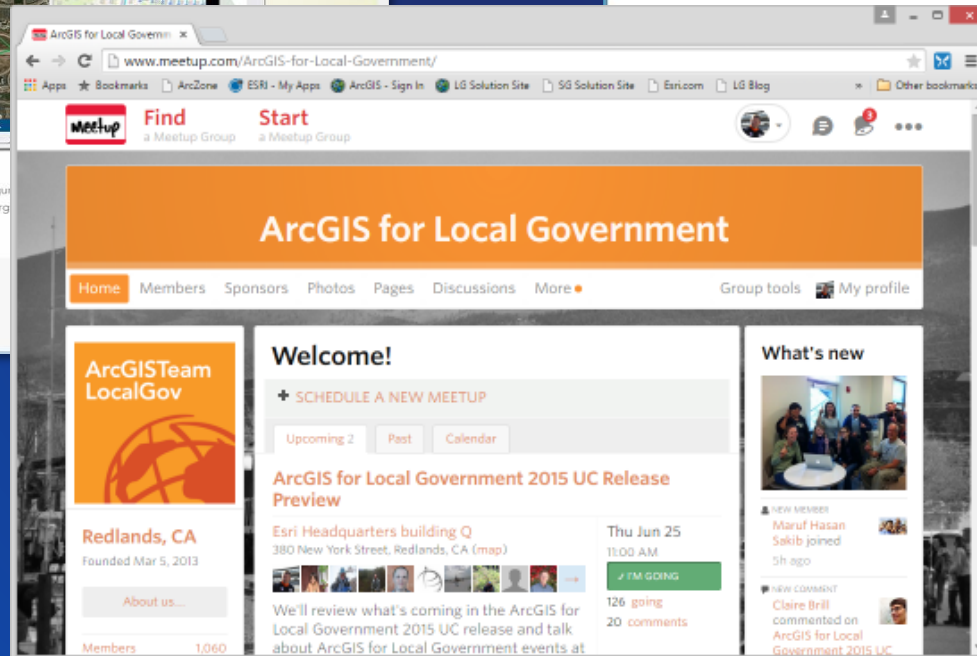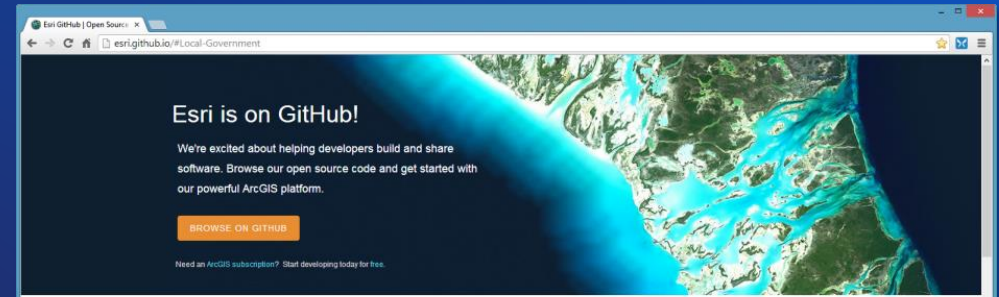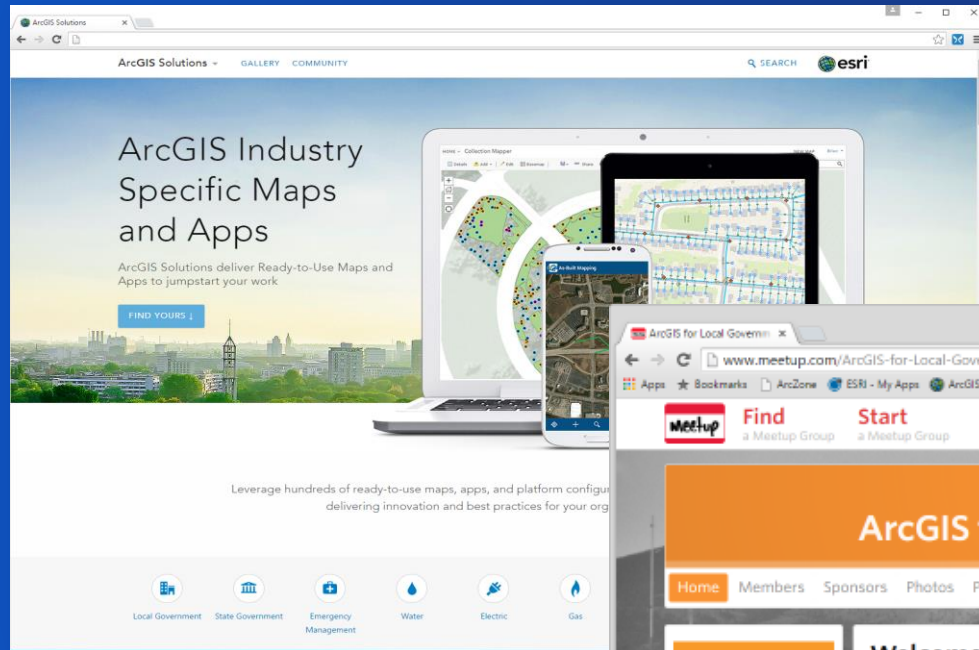
Thank you

Be innovative, aware, and know you are not alone

Jeremiah Lindemann, Solution Engineer
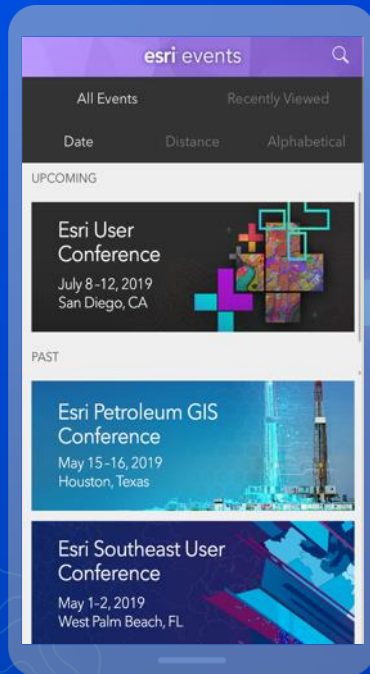State and Local Government Solutions
jlindemann@esri.com
🐦 @jer_lindemann

🔗 http://solutions.arcgis.com/

👥 http://meetup.com/ArcGIS-for-Local-Government/

http://meetup.com/ArcGIS-for-State-Government/

🐦 @ArcGISLocalGov
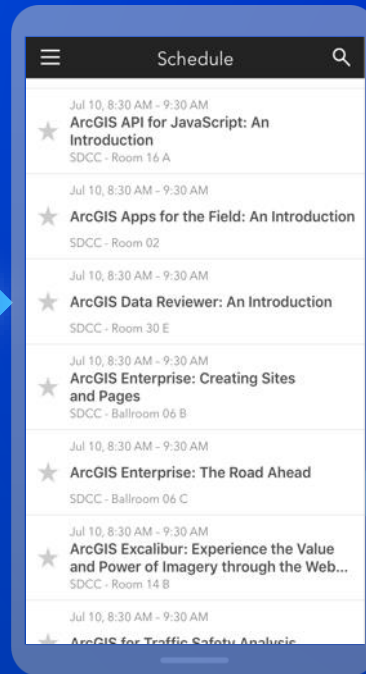
@ArcGISStateGov

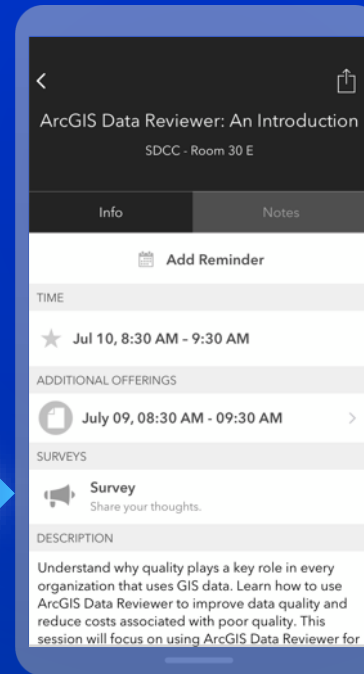⊙ http://esri.github.com

Please Share Your Feedback in the App

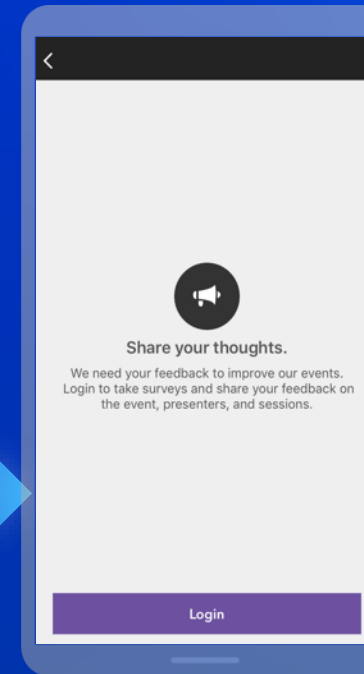**Download the Esri Events app and find your event**

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