

Fast-track your app, map and data model creation with **ArcGIS Solutions Templates**

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December 22, 2020



Desktop GIS



When I finish my work
in ArcGIS Pro, I
publish or **share** it to
my Web GIS.

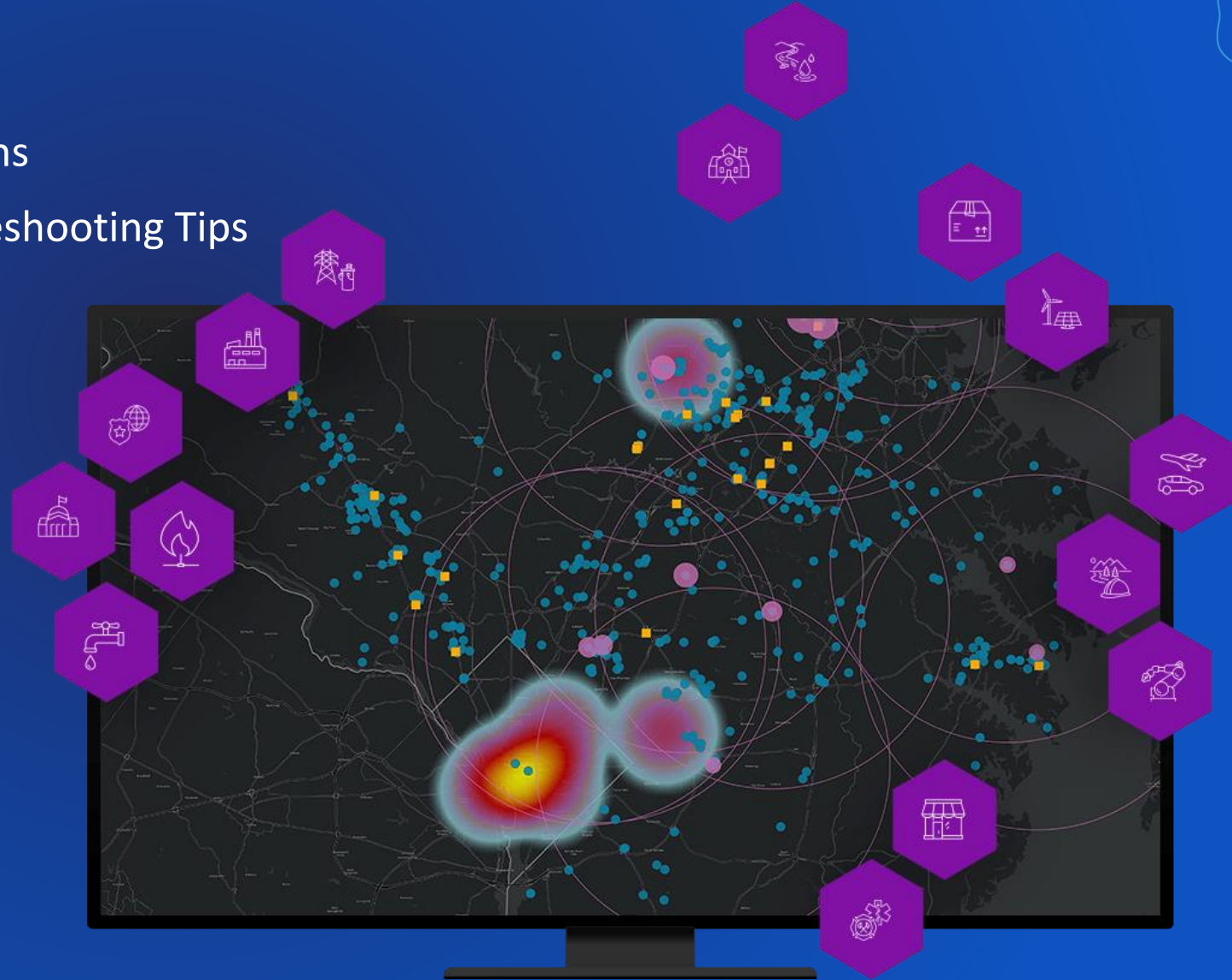
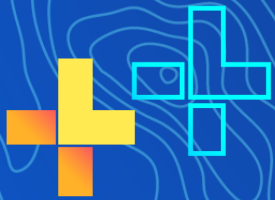


Web GIS



Outline

- What are ArcGIS Solutions?
- How to Deploy them?
- Demonstration of Deploying ArcGIS Solutions
- Discussion about Best Practices and Troubleshooting Tips



ArcGIS Solutions – A Collection of Industry Specific Templates and Tools

Free and Fully Supported

to improve operations, gain new insight, and enhance services

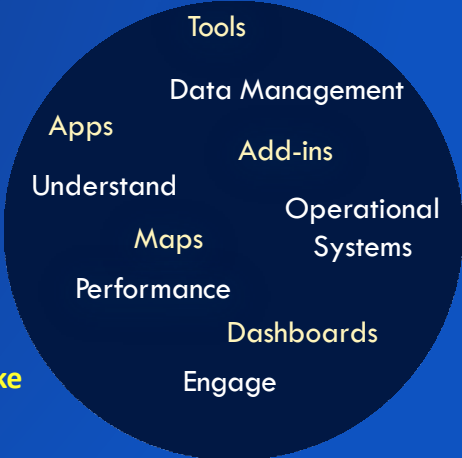
Intersecting Business and Technology

helps address challenges in
your organization

Leverage authoritative data



Flexible deployment options
– ArcGIS Online or ArcGIS
Enterprise



Reduces the time it takes to deploy geo-enabled solutions and increase the business impact they make

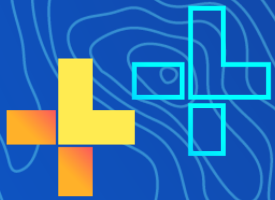
Mission

- 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....



Helping Organizations

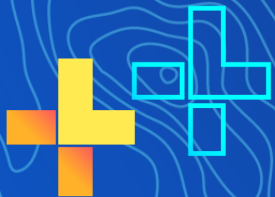
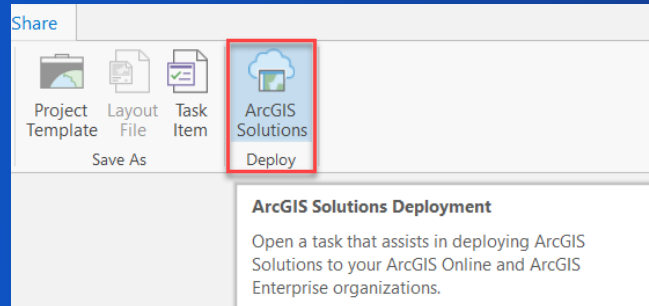
- Manage authoritative location-based
 - Utility Data Management, Address Data Management, 3d Basemaps, Road Closures, Community Parcels, etc.
- Understand community conditions and create understanding
 - Crime Analysis, Neighbourhood Early Warning, Night-time Flow Analysis, COVID-19 Testing Sites, etc.
- Deploy location-based operational systems
 - Dam Safety, Election Management, Water Outage, EM Operations, Mosquito Control, Capital Project Planning, etc.
- Visualize operational and strategic performance
 - Performance Management, Citizen Problem Reporter, Fatal and Serious Crash Dashboard, etc.
- Engage the public (when appropriate)
 - Citizen Problem Reporter, Adopta, Election Results, Vision Zero, Park Locator, etc.



How it works

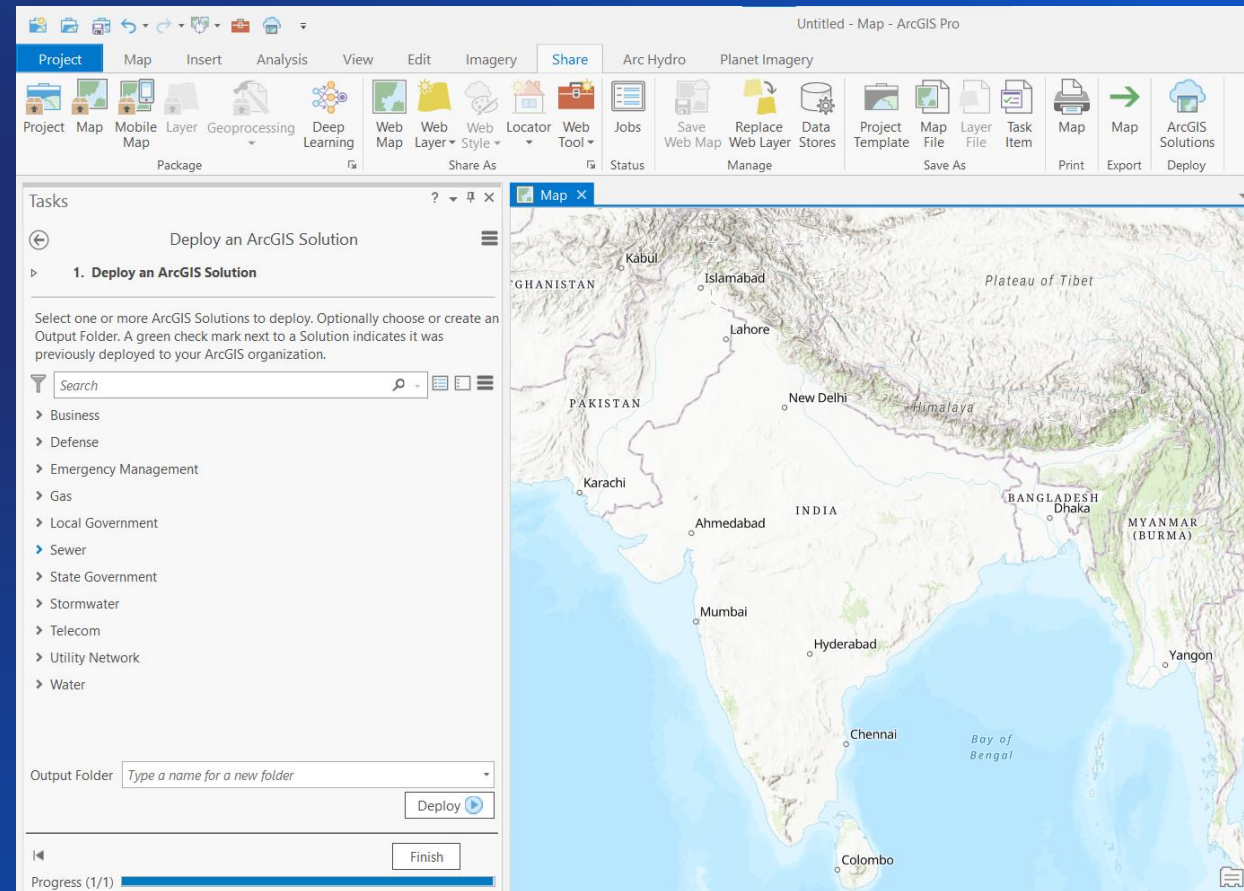


Deployment Options



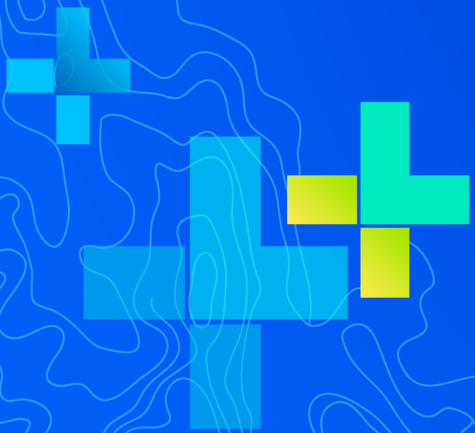
ArcGIS Solutions Deployment Tool

- ArcGIS Pro tasks and tools
 - Discover, deploy and configure solutions in an ArcGIS Organization
- Users can:
 - Discover solution offerings available
 - Deploy the services, maps, and configurable apps to their organization
 - Configure the solution to meet specific needs in their organization
 - Add fields
 - Modify field domains and aliases
 - Load their data (if required)



Demo

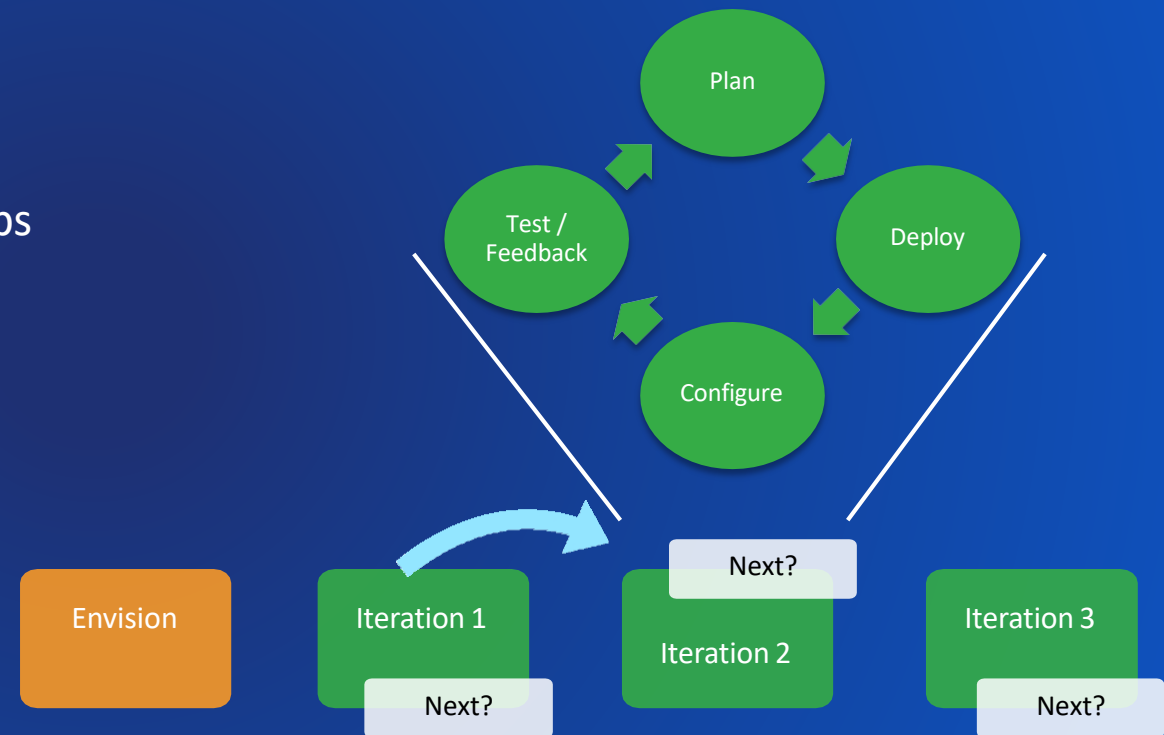
ArcGIS Solutions Deployment Tool



How do I get started?

Leverage solution offerings to maximize technical expertise and minimize deployment time

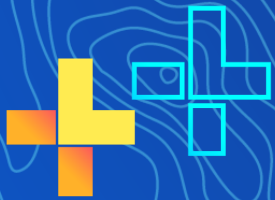
- Deploy quick wins
 - Configure your mapping platform
 - Align with strategic business needs
 - Implement one or more focused maps and apps
 - Organize your data
 - Iterate....



...embrace an agile implementation approach

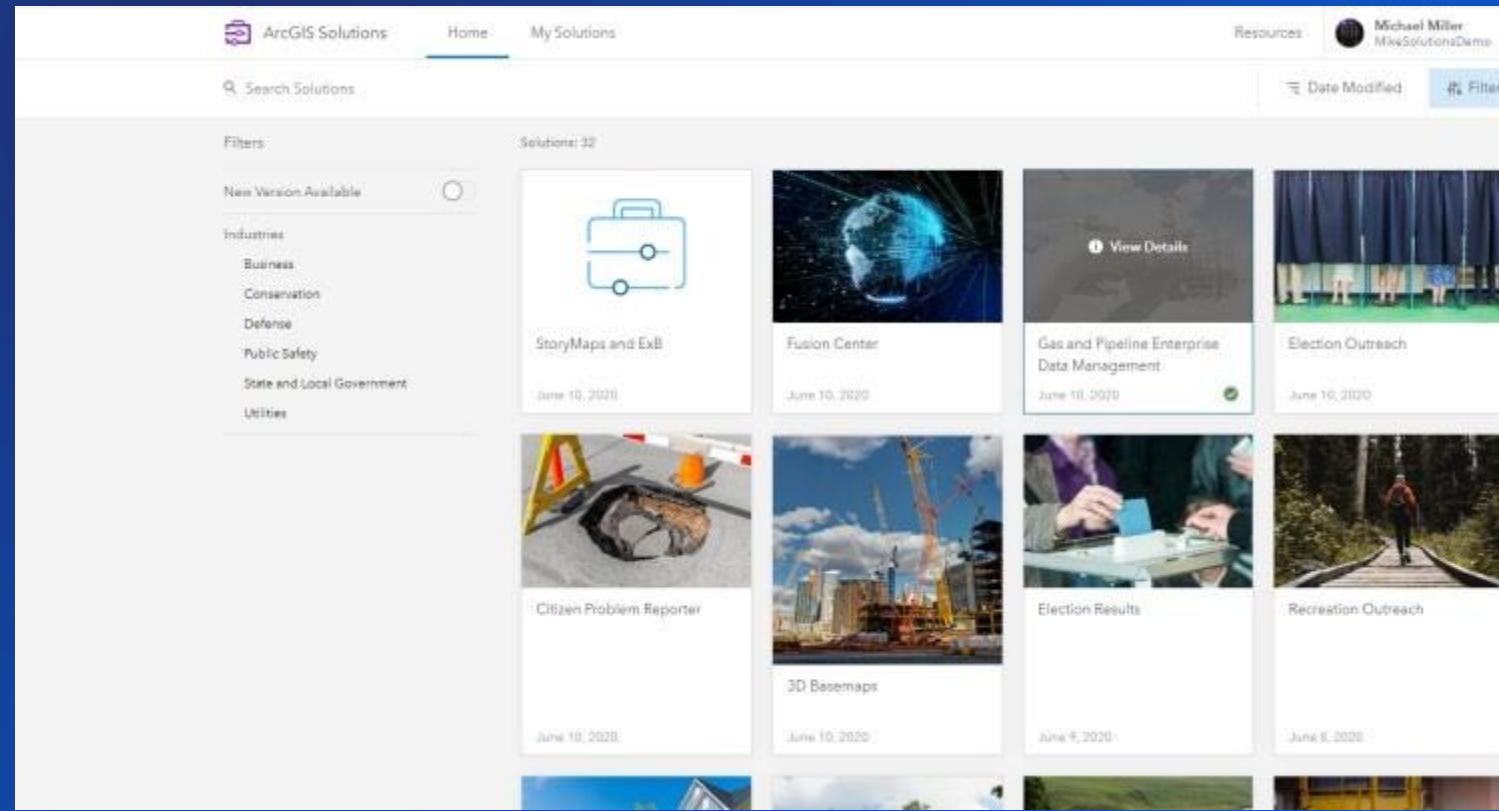
Utility Network solutions are provided for

- Electric Distribution and Transmission
- Gas
- Water Distribution
- Sewer
- Stormwater
- Communications
- Irrigation



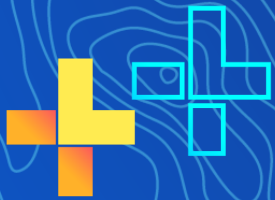
Utility Network solutions

- **Currently organized into Foundation and Editor**
 - Available through the Solutions Deployment Tool
- **In the future moved to Data Management Solution Item**
 - Available in the Solution App



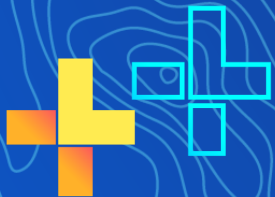
What is included in the Industry Utility Network Solution?

- Maps designed for editing with rich cartography
- Maps designed for publishing services
- Data model for assets and key attributes
- Configurations of the Utility Network
- Attribute rules to ensure data integrity (future)
- Attribute rules to preform intelligent editing (future)



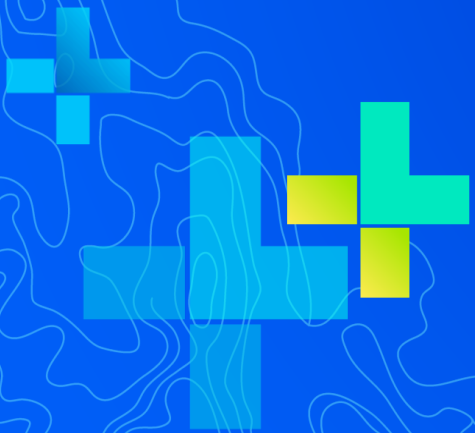
Utility Network Solutions are a Baseline

- Not intended to have every possible asset used around the globe
- Include attributes to support common network data management and analysis tasks
 - Are not all encompassing configurations for the entirety of a utility's business
- Extendable to meet additional asset, workflow or 3rd party system integration needs
- Modifications to the baseline may result in unintended network behavior

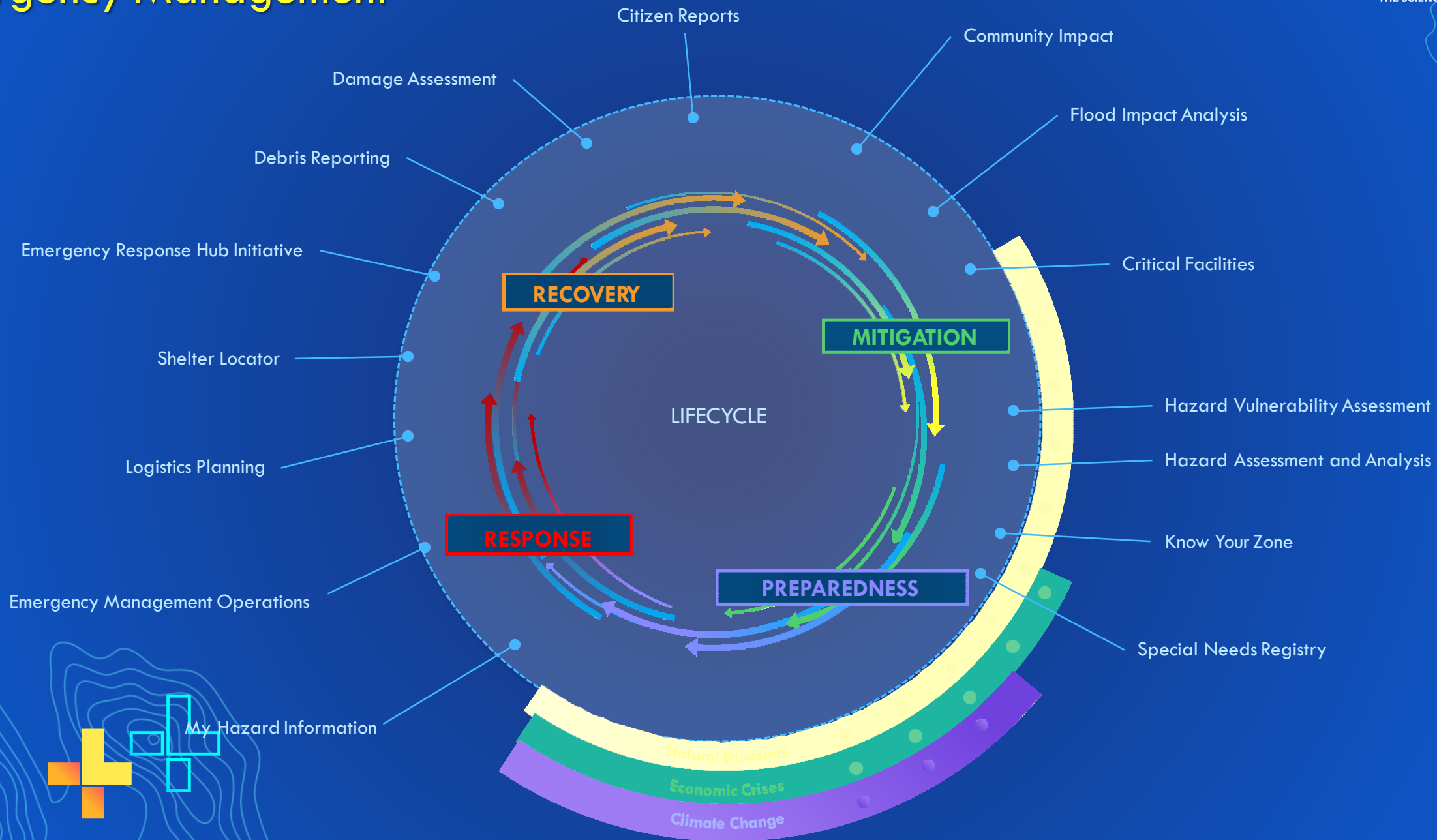


Demo

ArcGIS Solutions App – Project Planning & Tracking

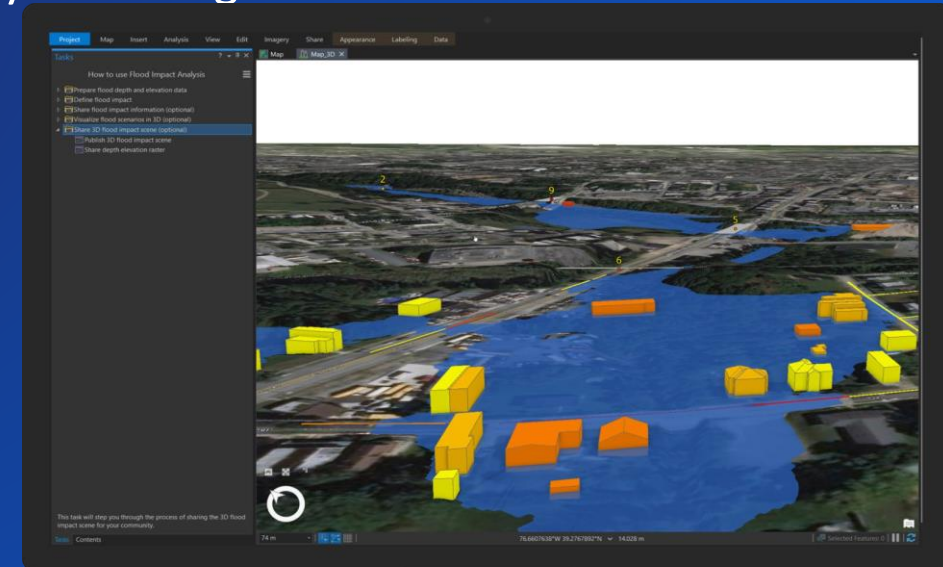


Emergency Management



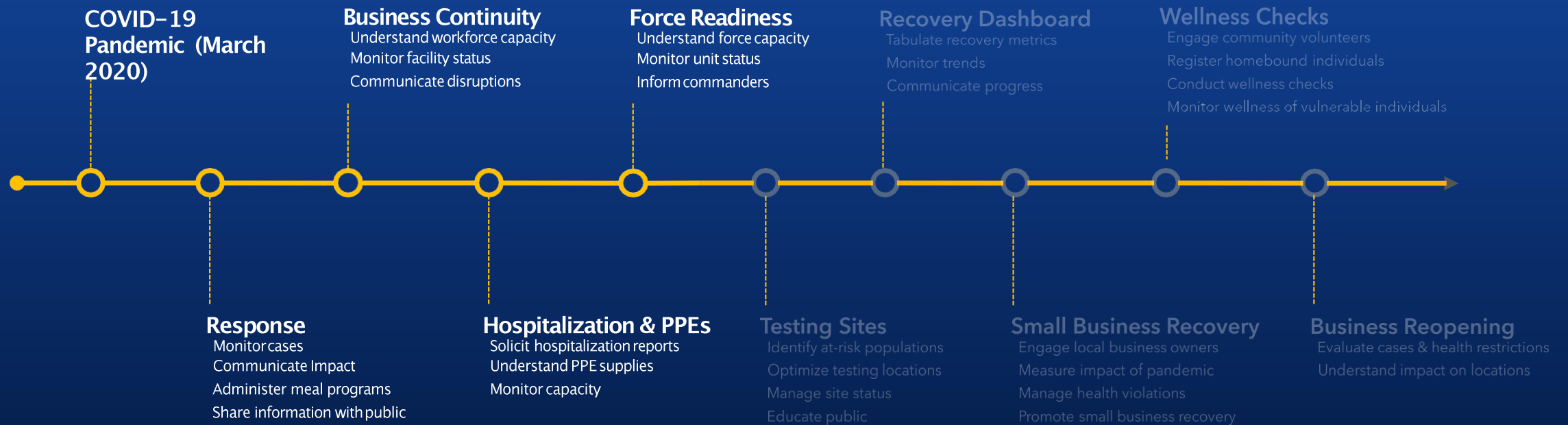
Flood Impact Analysis Solution

- Develop flood impact scenarios at each flood stage before the flood
- Determine the degree of impact on facilities and infrastructure for each flood scenario
- Use the results of the analysis to create flood response plans
- Create compelling 3D visualizations to improve communication of the flooding risk
- Take a proactive approach to accelerate planning, response, recovery and mitigation measures.



Response Solutions

Helping organizations respond to the pandemic



...designed for private corporations, utilities, and government organizations

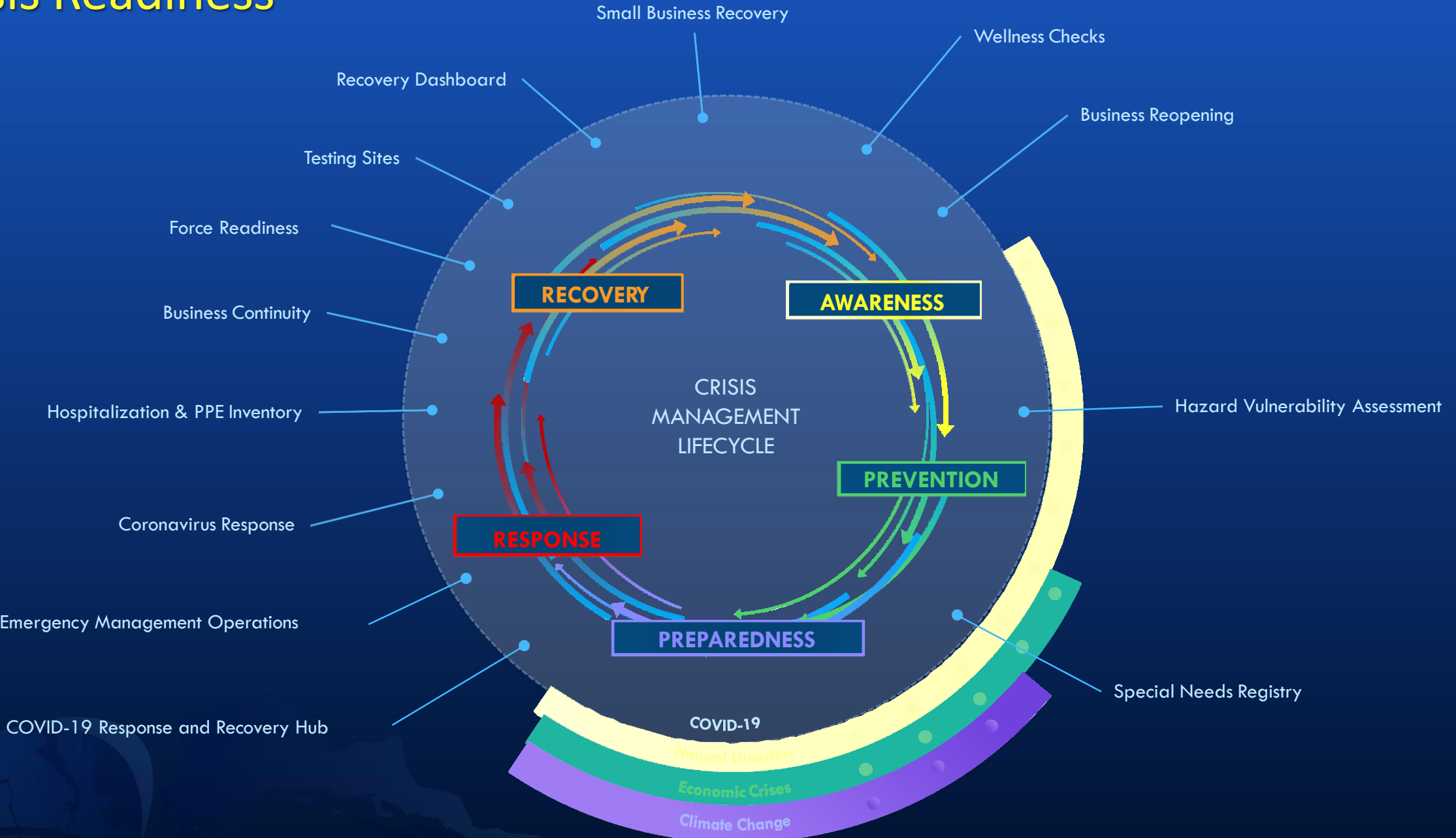
Recovery / Reopening Solutions

Helping organizations recover from the pandemic



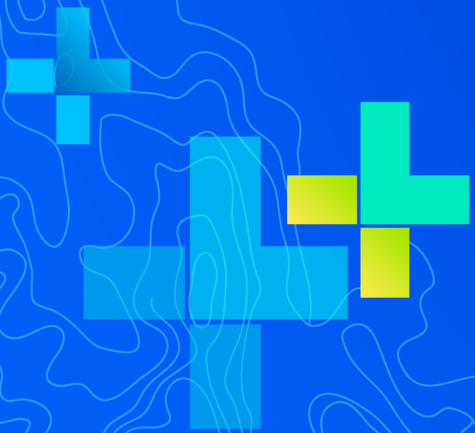
...designed for private corporations and government organizations

Crisis Readiness



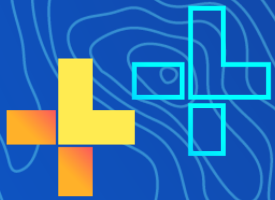
Demo

Vaccine Distribution



Summary

- GIS professionals can quickly discover and deploy ArcGIS solutions in their organization – projects value and innovation
- Standardize configuration approaches - helps organizations stay current and reduce cost of ownership
- Delivered *with* ArcGIS



New Solutions

- New Solutions

- Special Event Operations, Special Event Permitting and Operations, Health Safety Operations, Asset Condition Assessments, ArcGIS Urban Connector, Stormwater Data Management for ArcGIS Online, Curb Management, Telecom Data Management, FOG Inspections, R3, Protected Area Operations, Performance Management (Social Equity Lens), Debris Reporting, Fire Accreditation, etc.

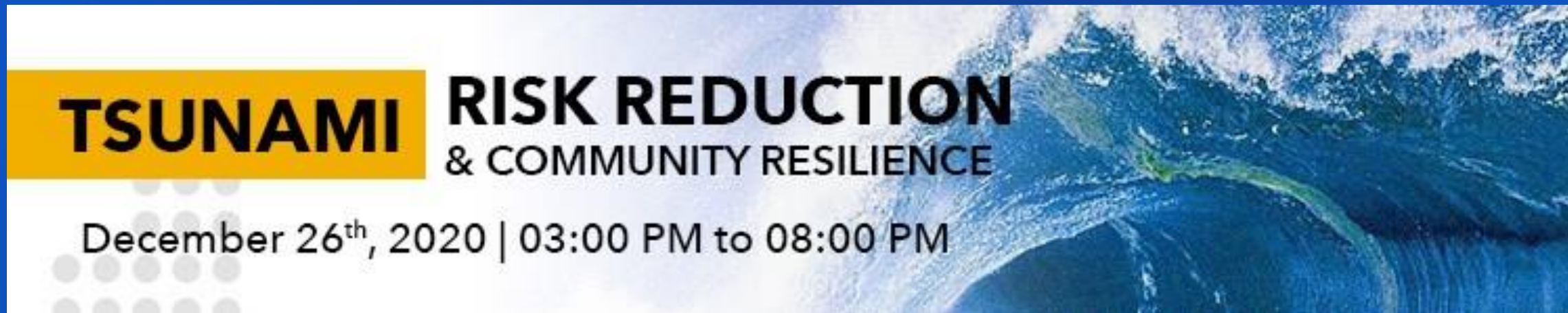
- New ArcGIS Hub Initiatives

- Special Events, R3, Police Transparency, Adopt-A-Catch Basin, Capital Expenditures, Transit, Mosquito Control, Homelessness

- Simplify Deployment

- Crime Analysis ship with ArcGIS Pro 2.6
- ArcGIS Solutions within an ArcGIS Organization

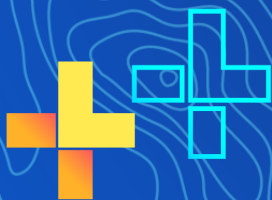




Tsunami Risk Reduction & Community Resilience

Dec 26, 2020 | 3 pm IST onwards


Register - <https://www.amrita.edu/tsunamisymposium2020>



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Community

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