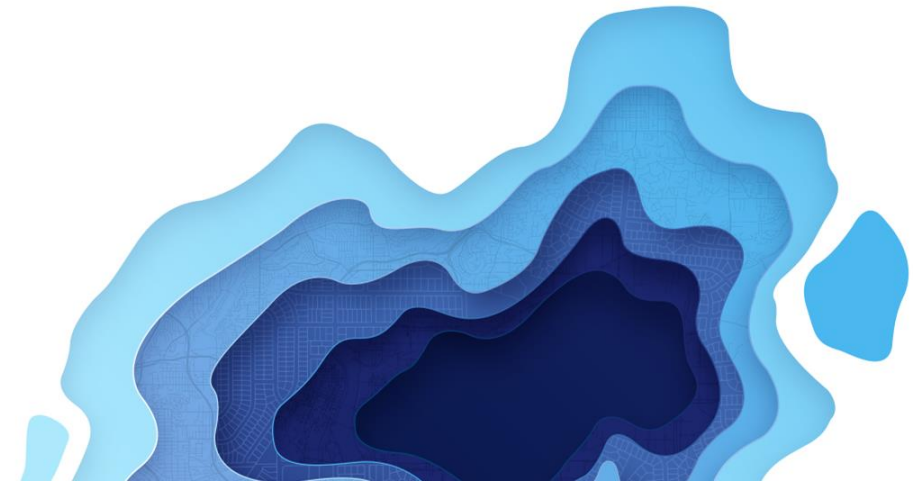
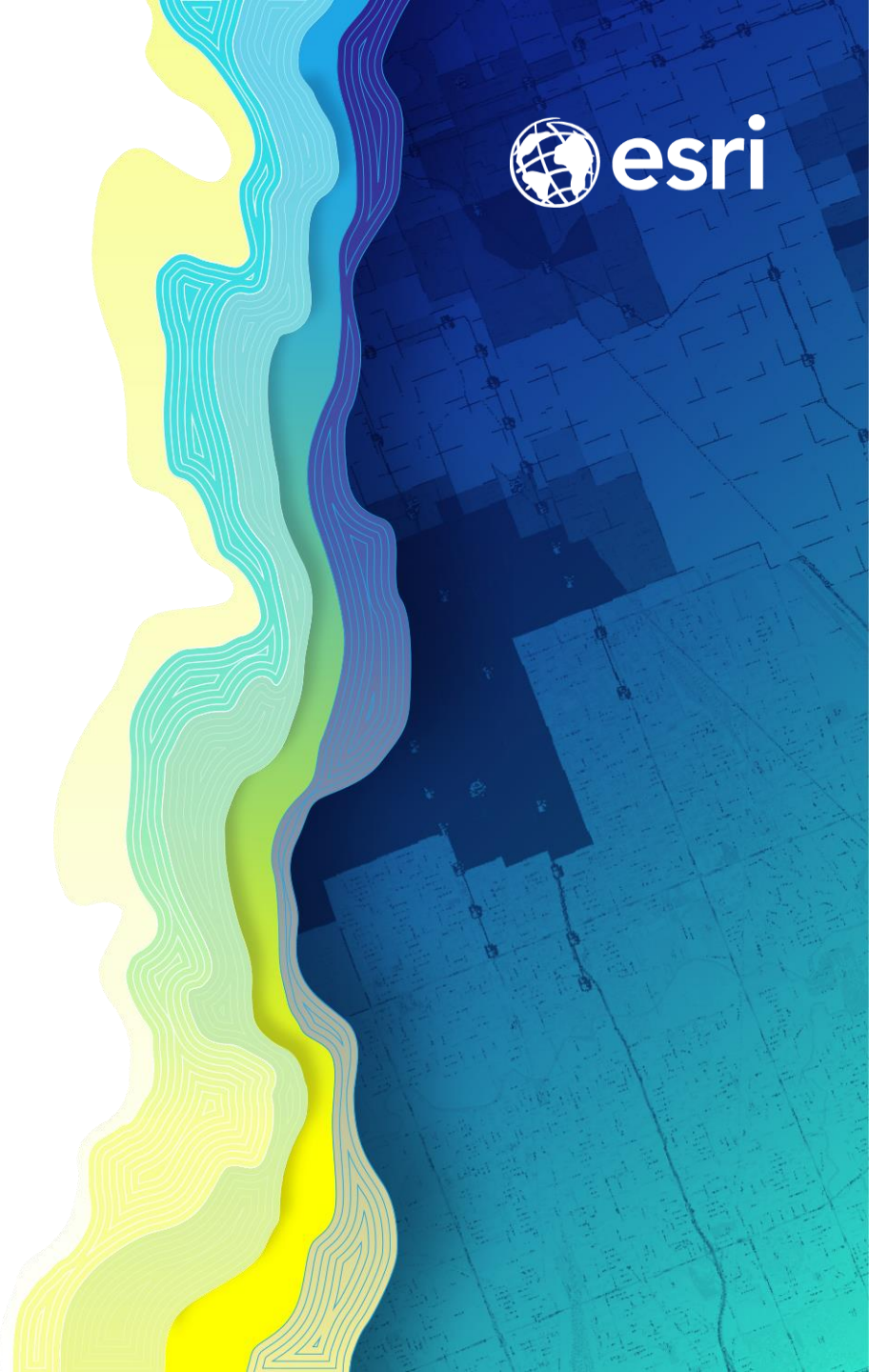
UC
ENVISIONING CENTER

Smart Communities Begin with Smart Planning

Keith Cooke

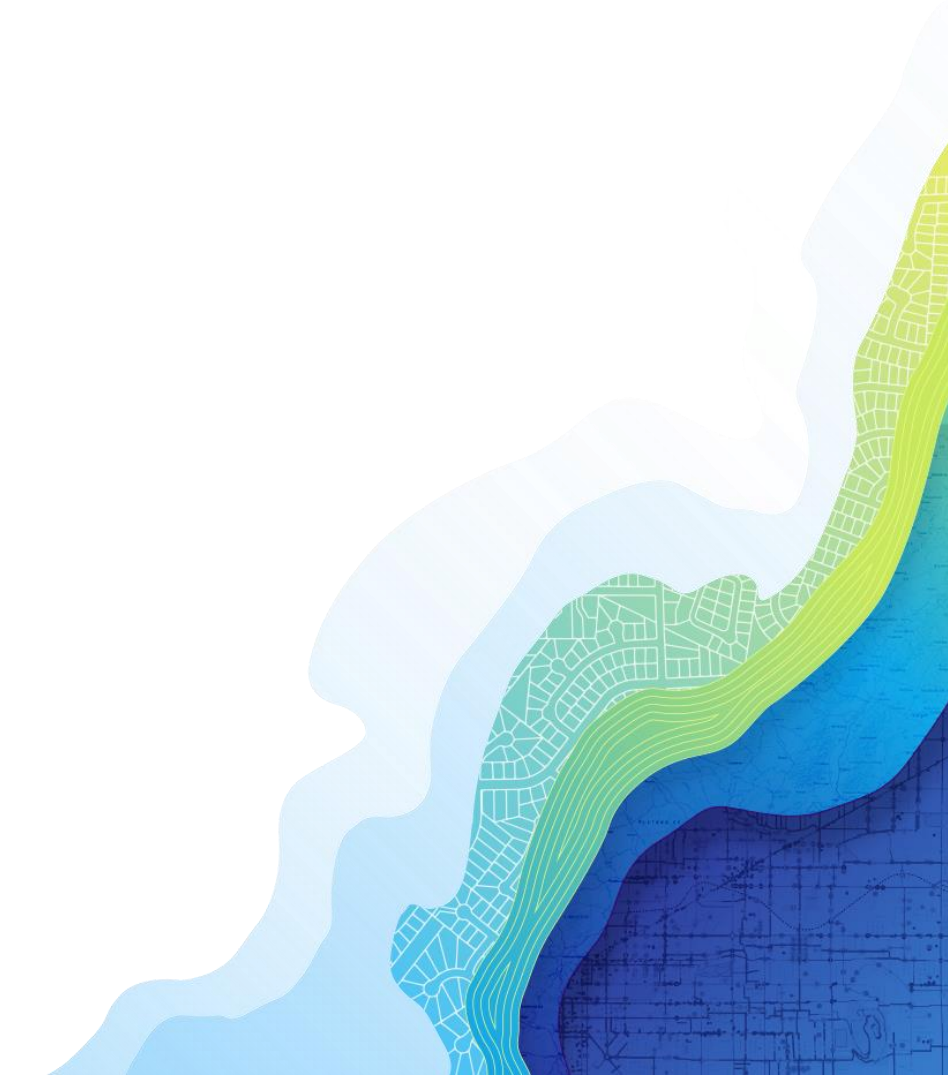
Adam Carnow





Land Use Case Workflow

- **Process the application**
- **Visualize and analyze the design**
- **Inform and engage the public**
- **Project review with director**
- **Produce the Planning Commission agenda**



ArcGIS

An Integrated
Web GIS Platform

Providing mapping, analysis, data management, and collaboration

ArcGIS enables every employee and contractor to easily discover, use, make, and share maps from any device, anywhere, anytime.

Support for Planning

Decision Maker Communication

- Agenda Compilation & Review
- Planning Commission Presentation

Long Range Planning

- Comprehensive Planning
- General Land Use / Transportation Planning
- Special District Planning

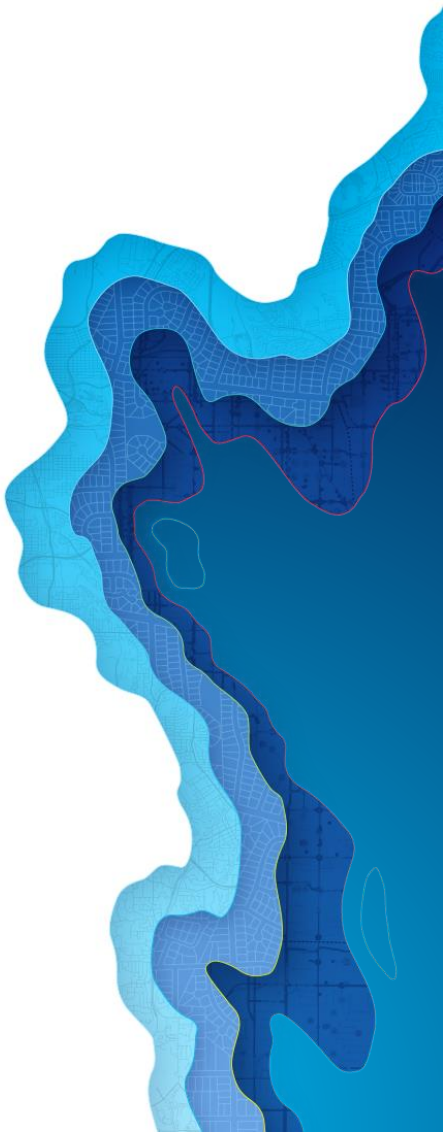
Current Planning

- Development Review
- Zoning Regulation and Re-zonings
- Special District Management
- Code Inspection / Enforcement
- Permitting

Senior Planner, Planning Staff, other Domain SMEs
City Council, Planning Commission, Planning Director
Citizen Engagement and Public Comment
Code Inspection and Enforcement
Integrating with permitting or other business systems.
GIS and Planning Professionals
ArcGIS
Web GIS

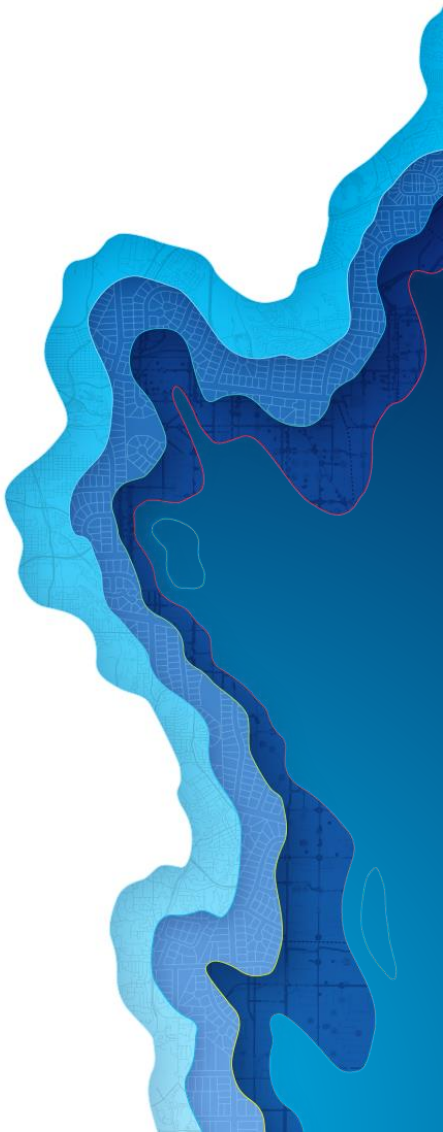
Land Use Case Workflow

- **Processing and Analyzing the Case**
  - **Land Use Inquiry**
  - **Permitting Review with Insights**



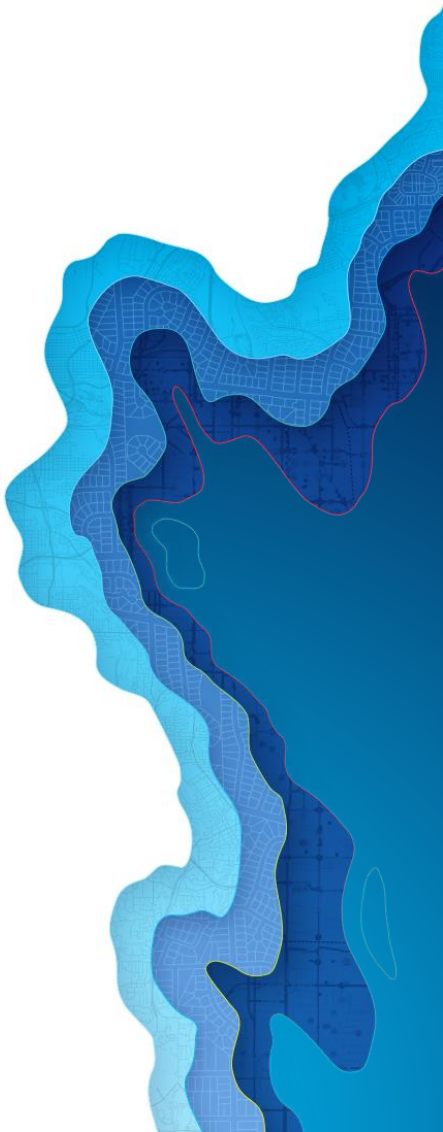
Land Use Case Workflow

- **Visualizing and Analyzing the Design**
  - **Visualize Proposed Development**
  - **Shadow Impact Analysis**
  - **GeoPlanner**



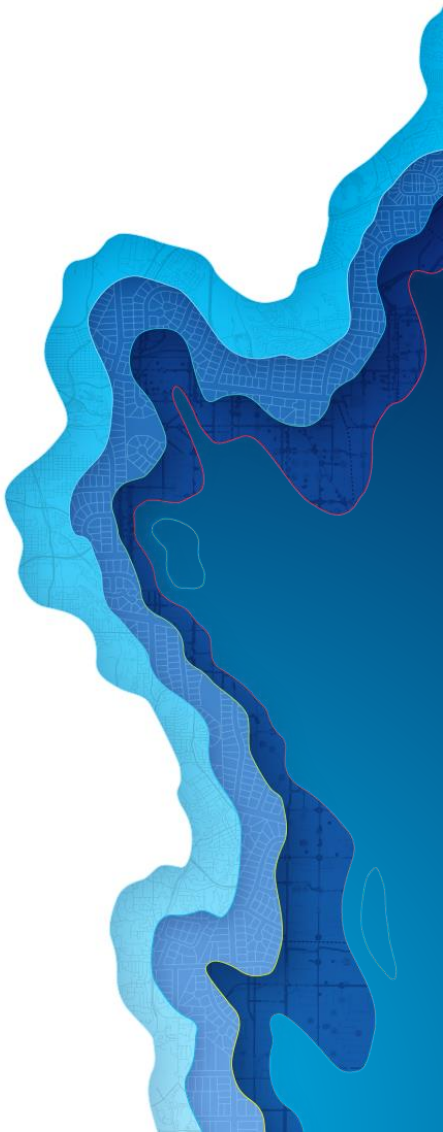
Land Use Case Workflow

- **Informing and Engaging the Public**
  - **Public Notification**
  - **Crowdsource Polling / Manager**
  - **3D Public Survey**
  - **Survey123**



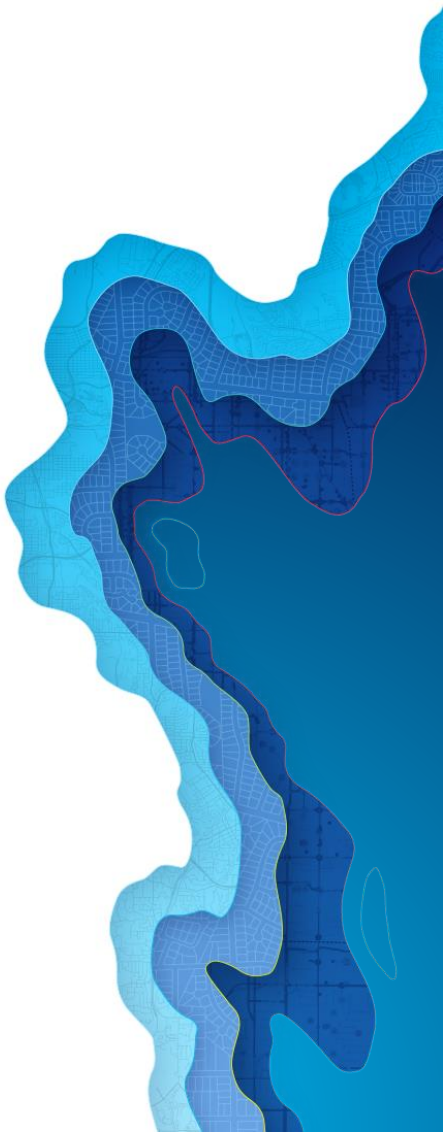
Land Use Case Workflow

- **Director Project Review**
  - **Insights for ArcGIS**
  - **Community Analyst**



Land Use Case Workflow

- **Producing the Planning Commission agenda**
  - **Story Map**



ArcGIS is a Platform for Smart Planning

ArcGIS Online / Portal for ArcGIS

Discover, use, make, and share maps from any device, anywhere, anytime

ArcGIS Solutions

Configurable, open, and fully-supported COTS applications supporting common workflows

GeoPlanner

Conceptual planning and analysis in a single collaborative web application

CityEngine

Improving urban planning and design with efficient 3D scenario authoring

ArcGIS Pro

Data management, analysis, and publishing of 2D and 3D scenarios

Collector / Survey123 App

Take your maps into the field on any device to update records

Community Analyst

Web-based demographic, business & socio-economic data & analysis.

ArcGIS Platform

Essential Patterns of a Smart Planning Location Strategy

Location Enablement	Constituent Engagement	Decision Support	Field Mobility	Analytics	Location Data Management
ArcGIS Pro	Commission Agenda Story Map	GeoPlanner	Photo Survey	Insights for ArcGIS	3D Scene Development
ArcGIS Online	Crowdsource Polling / Reporter	Operations Dashboard	Code Enforcement	Desktop Analytics	Land Use, EIR Data
Portal for ArcGIS	3D Public Survey	3D Development Review	Survey123	Community Analyst	Shared GIS Web Services
ArcGIS Maps for Office	Public Notification	Blight Monitoring & Prevention	Collector for ArcGIS	Tapestry Segmentation	ETL, Permit Integration

To learn more, please visit Community Planning in the Government Neighborhood

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