



# ArcGIS Pro: It's Time

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2018 Water Conference



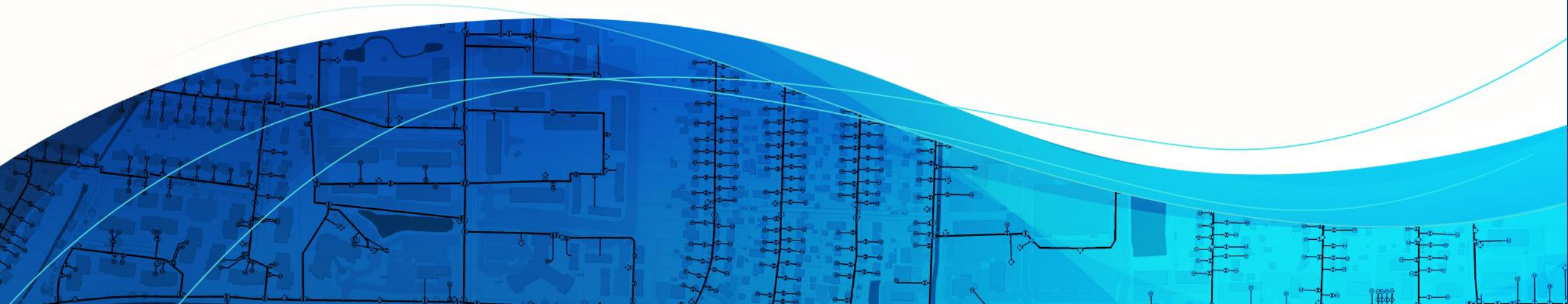


# Water Conference Sponsors

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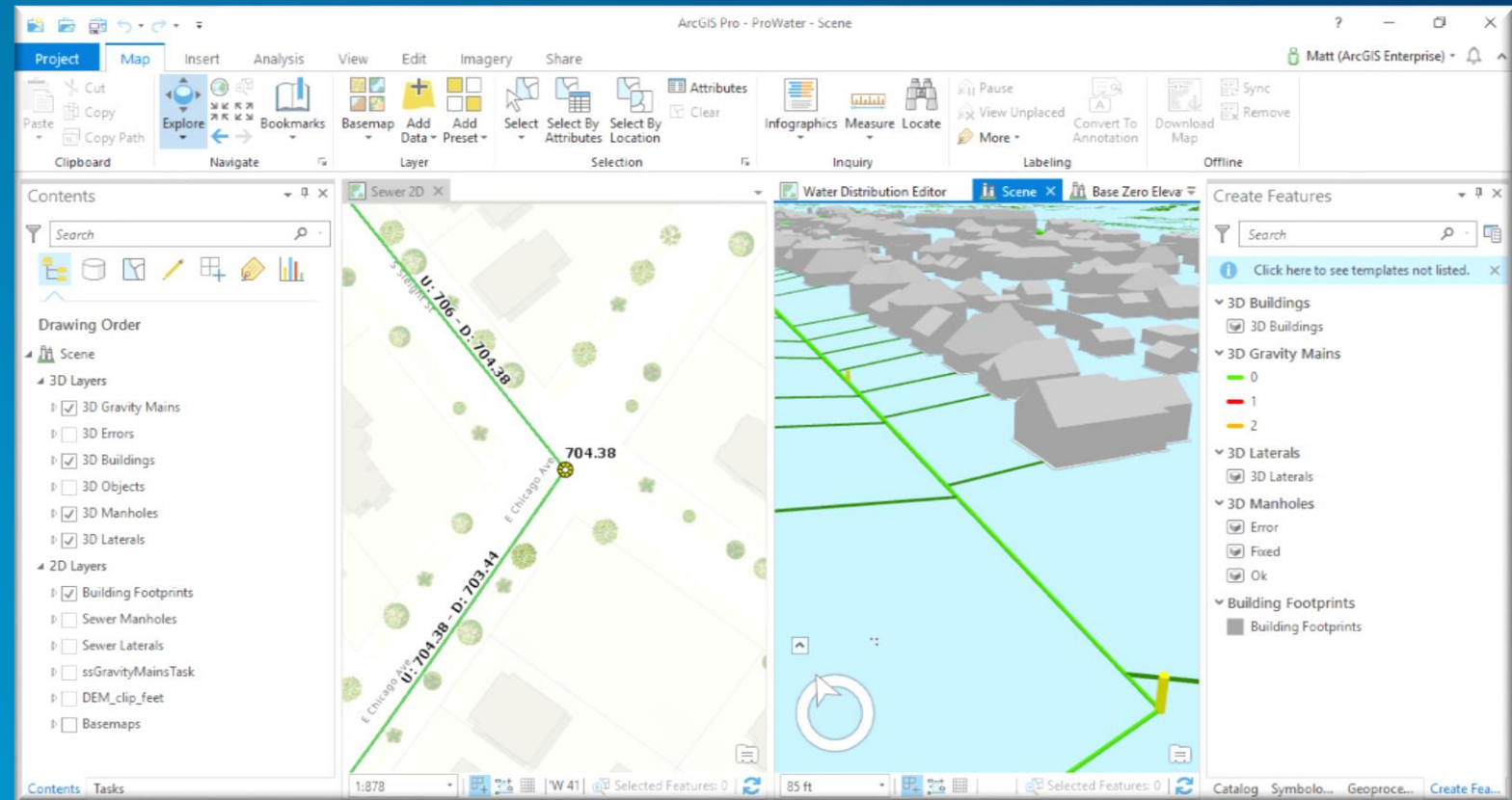


**itpipes™**



# What we'll cover today

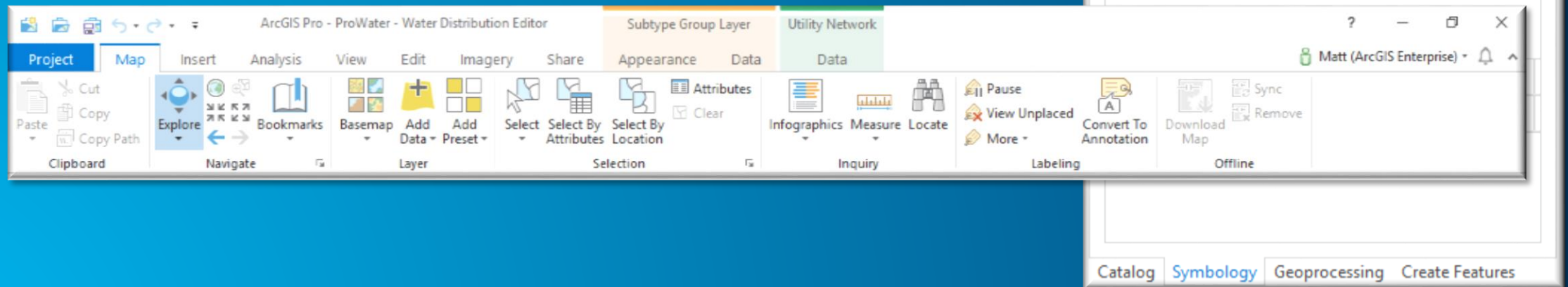
- The interface
- Moving to Pro
- Data management
- Editing
- Analysis
- Sharing



# The ArcGIS Pro Interface

# Essentials of the Pro Interface

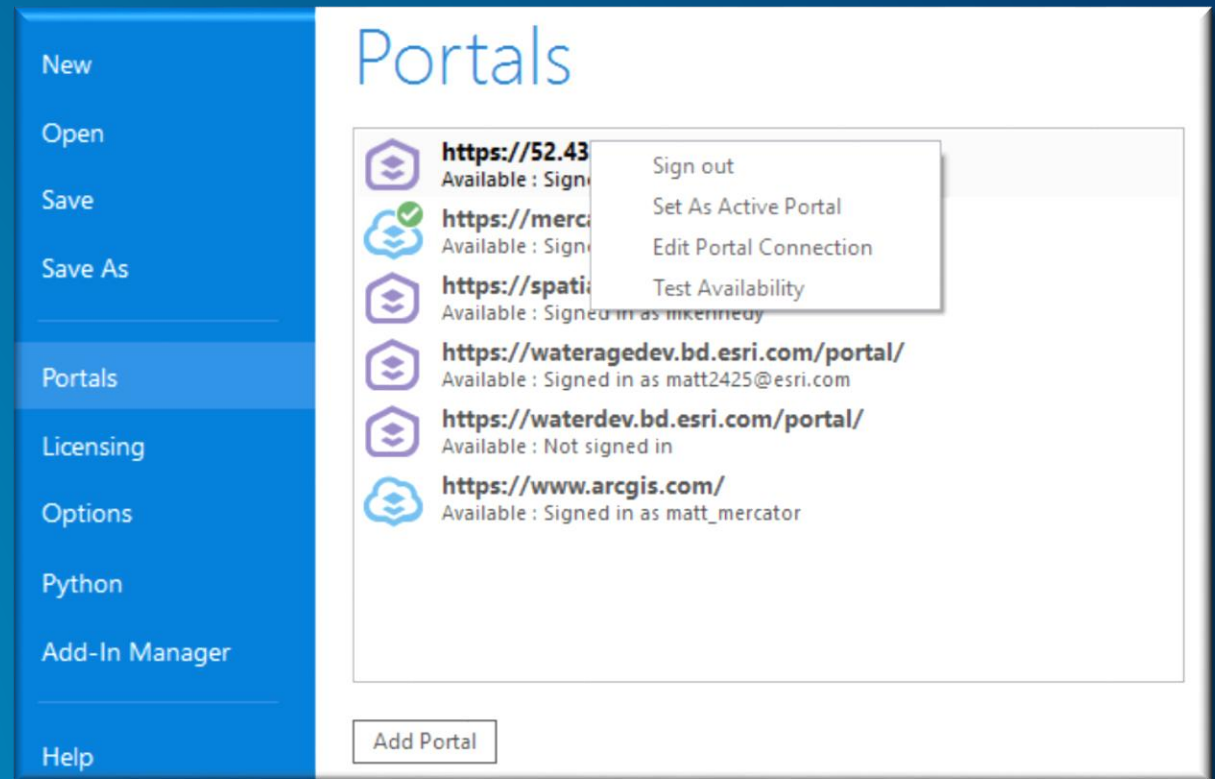
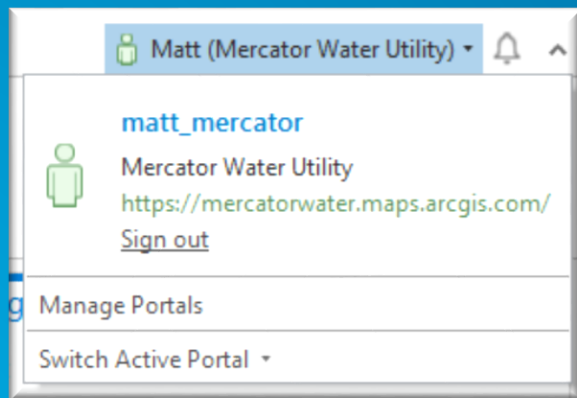
- Pro works with projects, not documents
- The ribbon is full of tabs and groups
- Contextual tabs appear when necessary
- Panes are packed with functionality
- Look for “burgers”





# ArcGIS Pro: The connected desktop

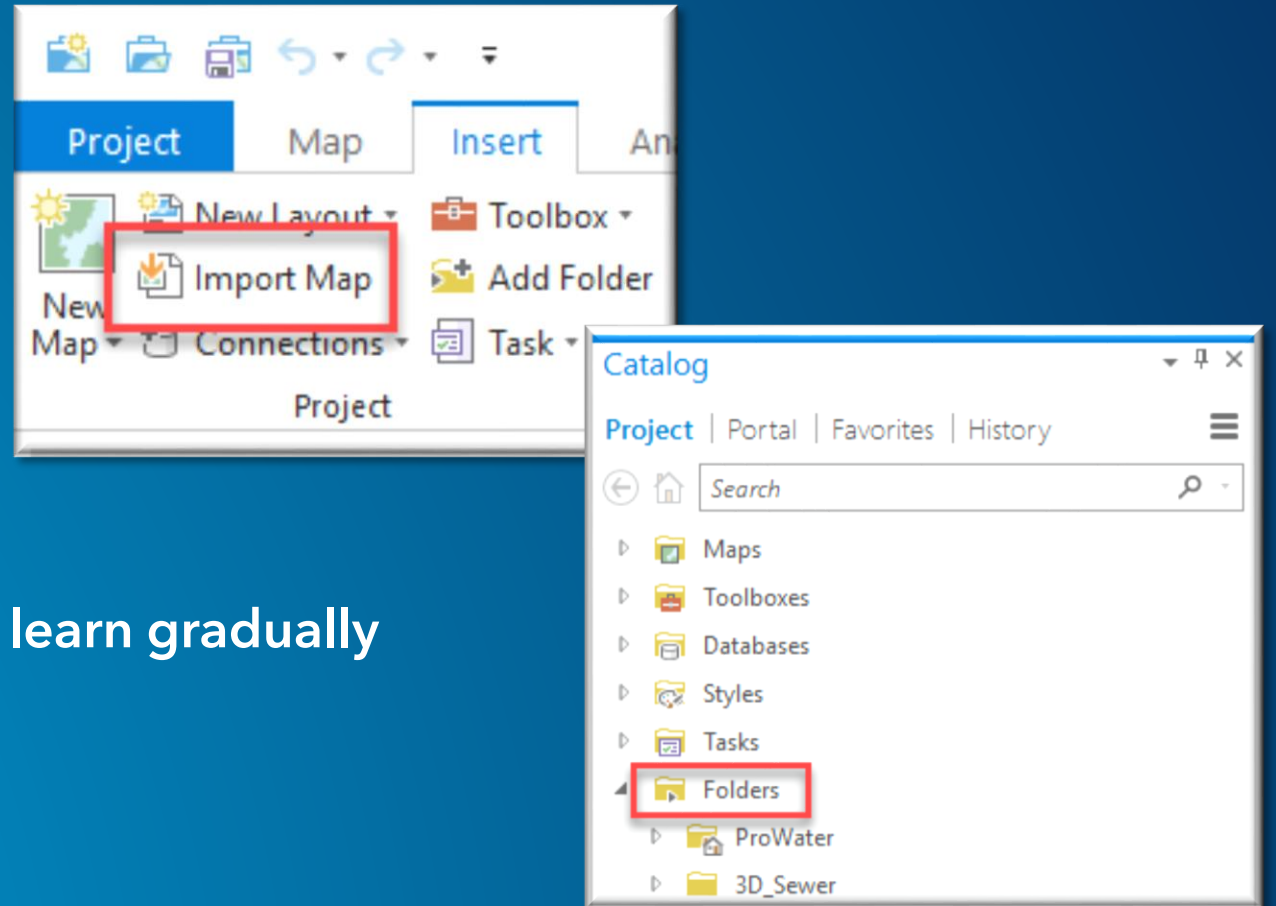
- Pro is always connected to a portal
  - Your enterprise
  - ArcGIS Online
- Can switch between portals



# Moving to ArcGIS Pro

# What to know and how to start

- Insert > Import map
- Data frames = Maps
- Add folder connections
- Rules concerning .mxd documents
  - No link back to imported .mxd's
  - Pro won't save .mxd's
- Pro runs side-by-side with ArcMap, so learn gradually





# Use the vector tile basemaps

- ArcGIS Online group > <http://arcg.is/2Fu9Naz>
- They aren't there automatically
- Configure your portal or ArcGIS Online org to incorporate these

SAVE CANCEL

General

Home Page

Gallery

Map

Item Details

Groups

Utility Services

## Map

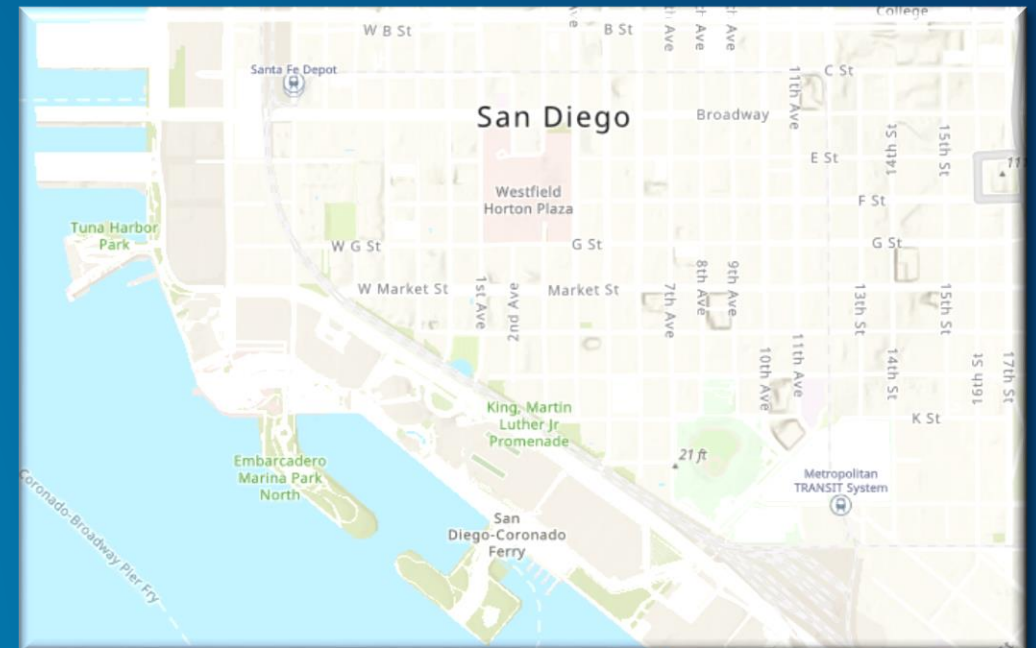
Configure the components your members of your portal will use to author maps.

### Basemap Gallery

Select the group whose webmaps will be shown in the Basemap Gallery.

Default

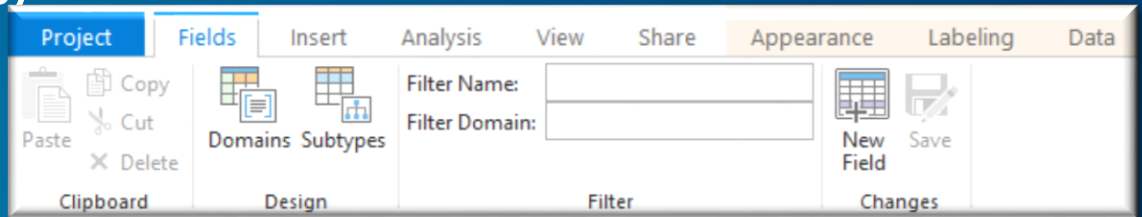
☐ Use Esri vector basemaps in supported ArcGIS apps. ?



# Data Management in Pro

# Data Management

- Spread across tables (not hidden in dialogs)
- Easy to see what you're doing
- Search for fields, domains, subtypes
  - Check to see what you assigned (or didn't)



Visible		Read Only		Field Name	Alias	Data Type	Allow NULL	Highlight	Number Format	Domain	Default	Length
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OBJECTID	OBJECTID	Object ID	<input type="checkbox"/>	<input type="checkbox"/>	Numeric			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SHAPE	SHAPE	Geometry	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	FACILITYID	Facility Identifier	Text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				20
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MATERIAL	Material	Text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		wPipeMaterial		10
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DIAMETER	Diameter	Double	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Numeric	wPipeDiameter		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WATERTYPE	Water Type	Text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		wWaterType		10
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SHAPE_Length	Geometric Length	Double	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Numeric			
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<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	LASTEDITOR	Last Editor	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				25
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LINETYPE	Water Main Type	Text	<input type="checkbox"/>	<input type="checkbox"/>		wPressurizedMainType		25
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LOCATION	Location Description	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				200
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MAPMETHOD	Map Method	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>		wMapMethod		10

The background consists of several overlapping geometric shapes in various shades of blue, creating a modern, abstract design. The shapes include a large dark blue triangle on the left, a medium blue trapezoid in the center, and a bright blue triangle on the right. The word "Editing" is written in white, sans-serif font on the dark blue triangle.

Editing



# Editing

- No more editing “sessions”
- Edit anything you have view and create permission
- Edit feature layers from your portal or Online (not just your “hard” data)
- Feature templates similar to ArcMap
- 2D and 3D editing supported

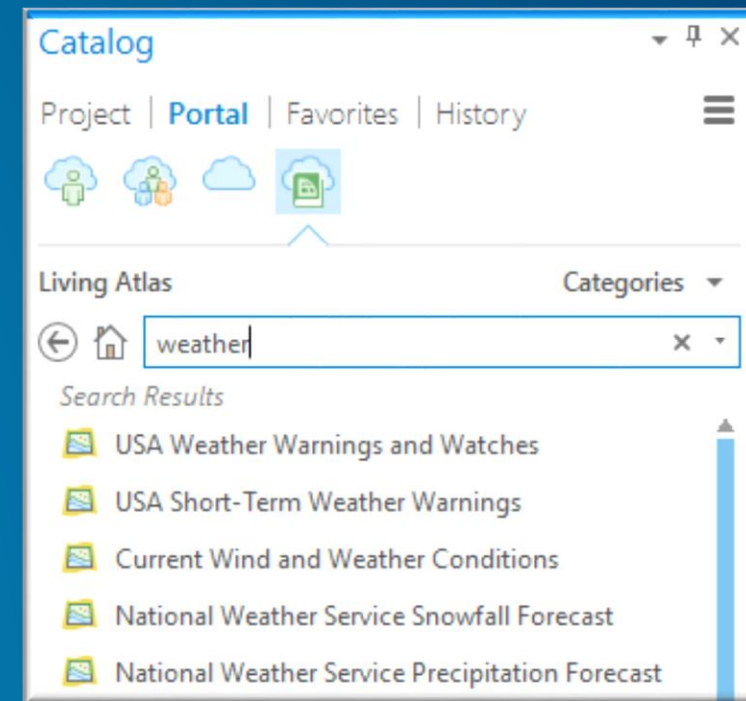
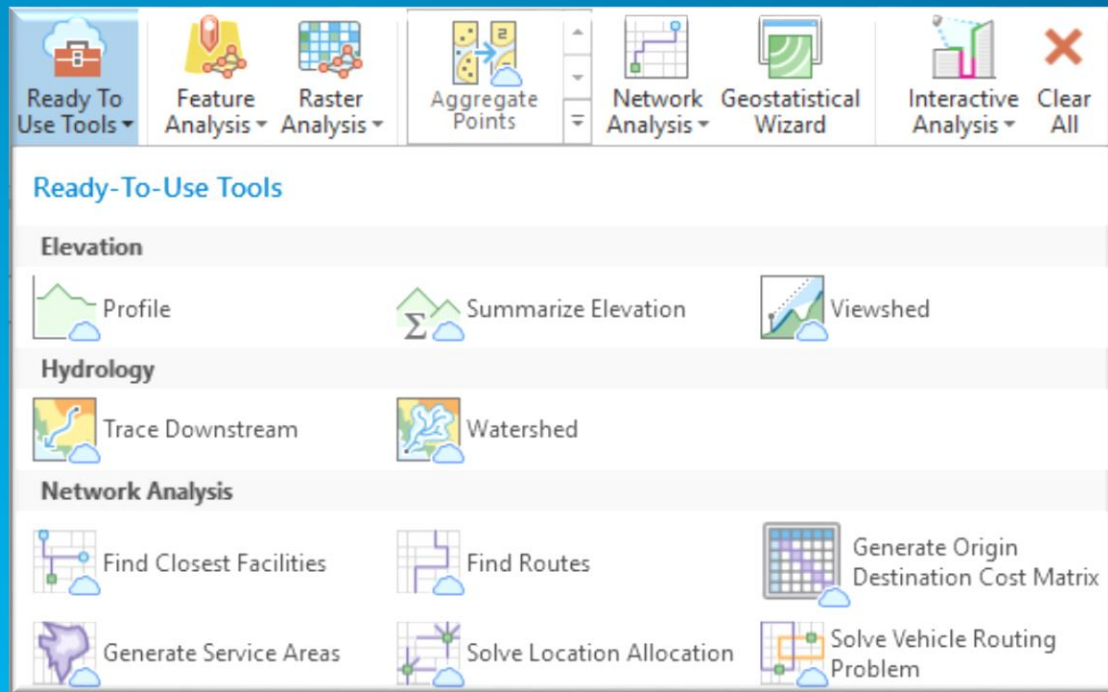
# Spatial Analysis

## Spatial analysis tips

- Search for tools > add favorites to the Analysis Gallery in your projects
- Migrate your geoprocessing work to Pro
  - Analyze Tools for Pro (option to run this automatically)
  - Python2to3
- Leverage 3D (Convert 2D to 3D easily)
- Leverage time
- Leverage power tools that don't require extensions
  - Space Time Pattern Mining
  - Spatial Statistics
- Tasks

# Ready to Use Tools and Living Atlas Content

- Work with portal/online services and your data
- Subscriber (included) and Premium (uses credits) content
- Configure your portal to run these





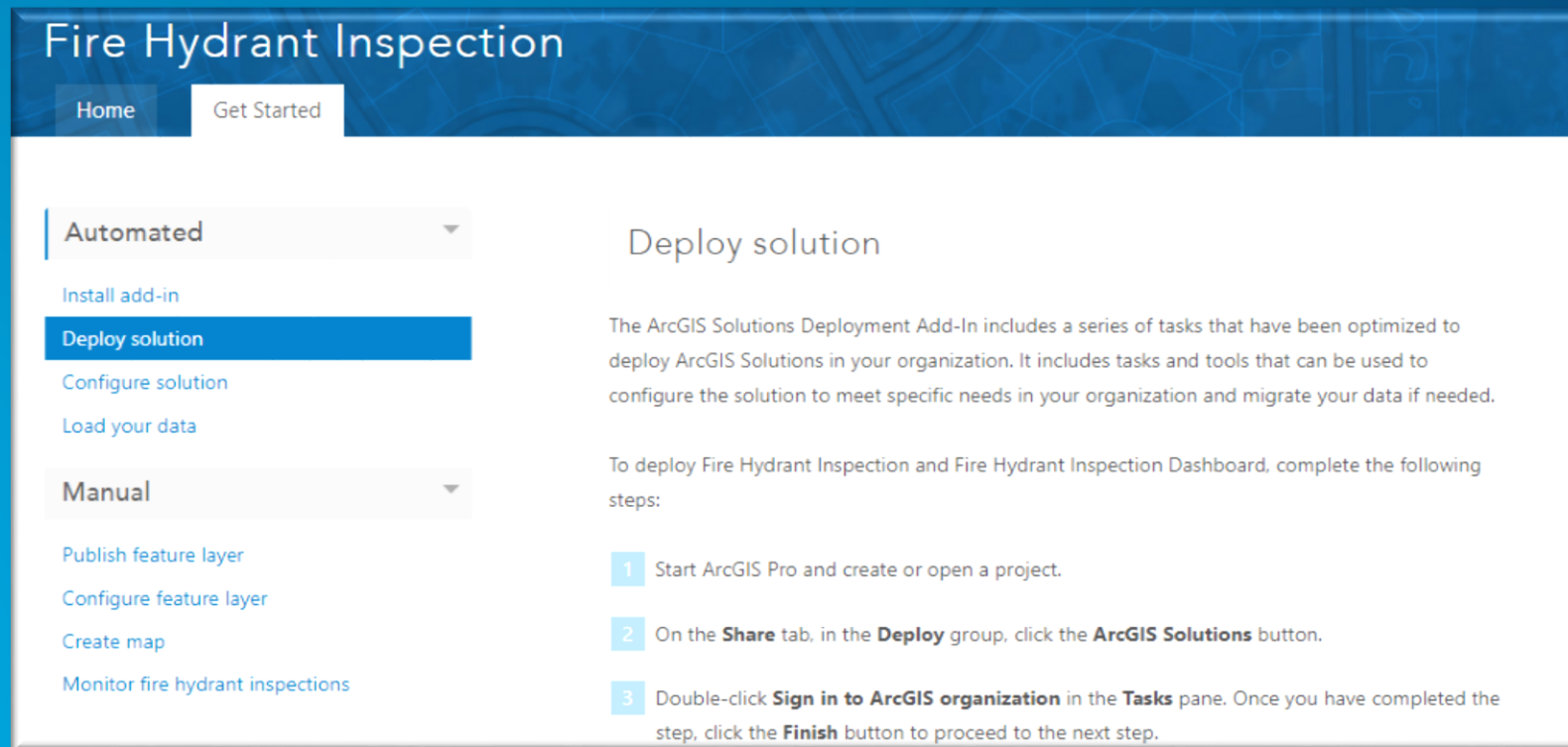
Sharing

## ArcGIS Pro: The connected desktop (again)

- Pro is all about sharing your work with others via your portal or ArcGIS Online.
- Packages
- Web Layers and Scenes
- Project Templates

# ArcGIS Solutions Deployment Tool

- Get this addin here > <http://solutions.arcgis.com/shared/help/deployment-tool/>
- Hit the ground running (no need to manually install solutions anymore)





esri

THE  
SCIENCE  
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