ArcGIS Pro: Tips and Tricks

J.D. Overton, Kory Kramer, Nathan Shephard, Ty Fitzpatrick

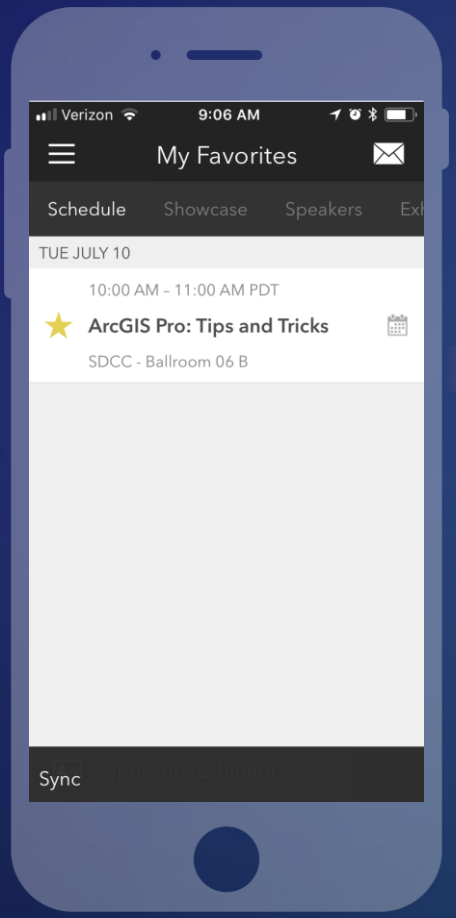
@ArcGISPro

GIS INSPIRING WHAT'S NEXT

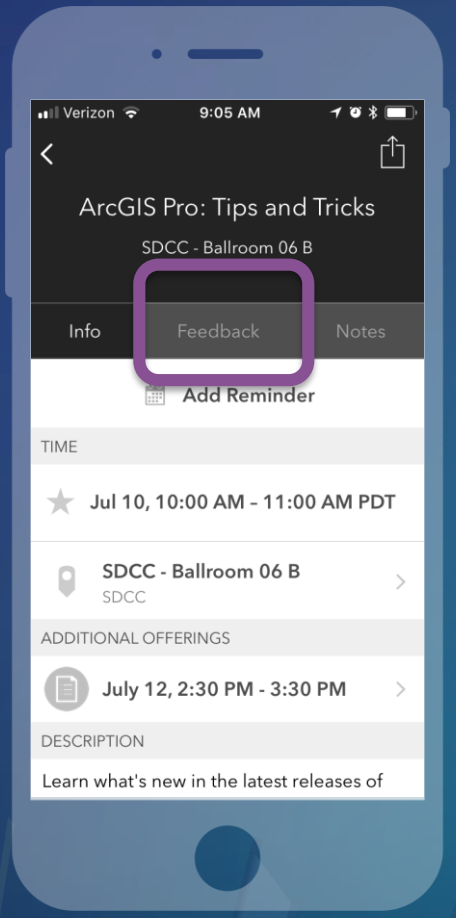
Please Take Our Survey on the App

Download the Esri Events app and find your event

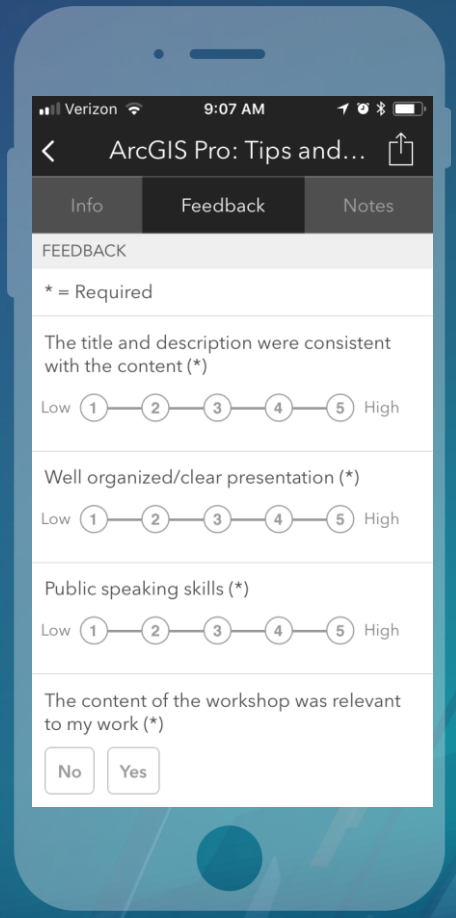
Select the session you attended



Scroll down to find the feedback section

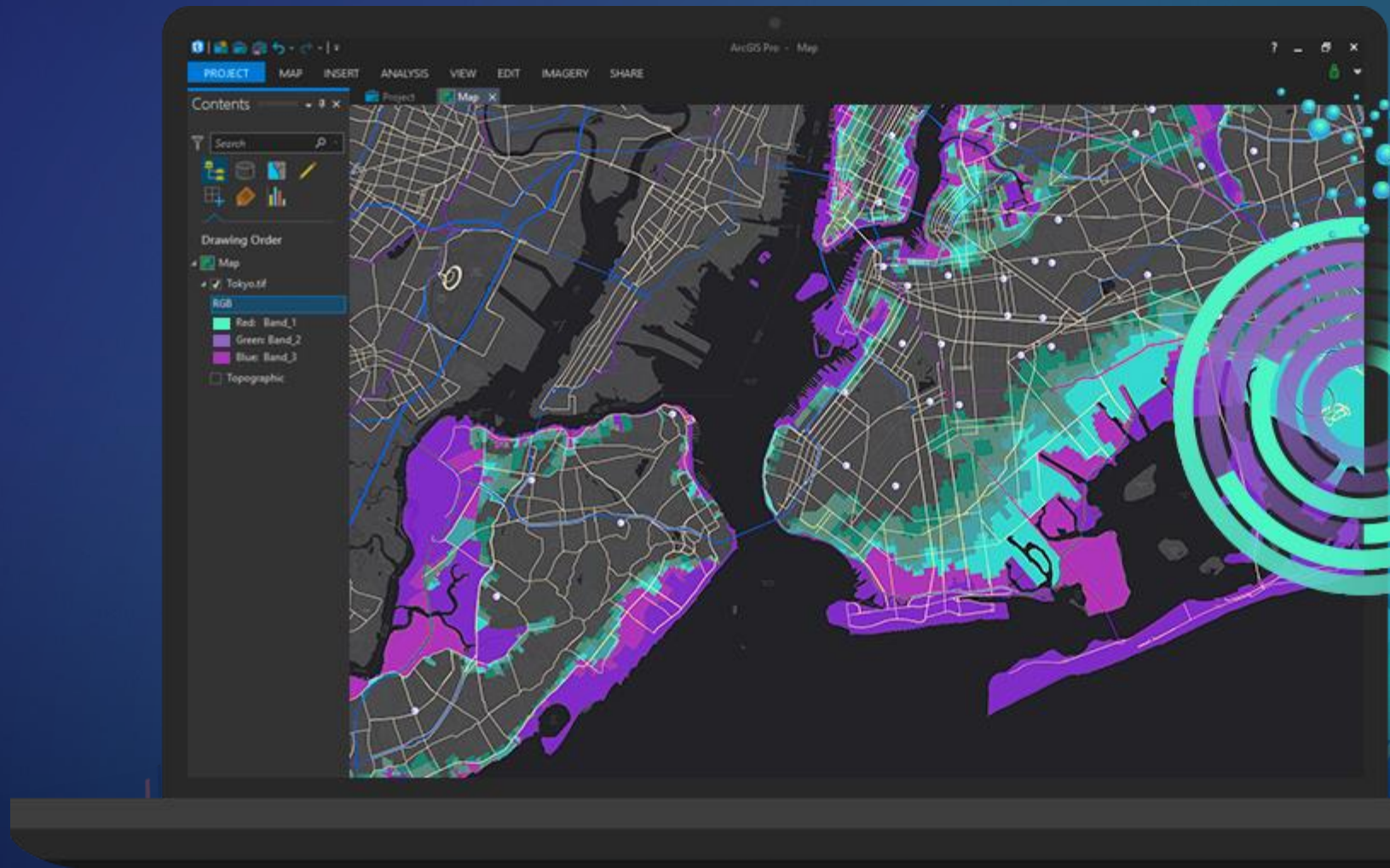


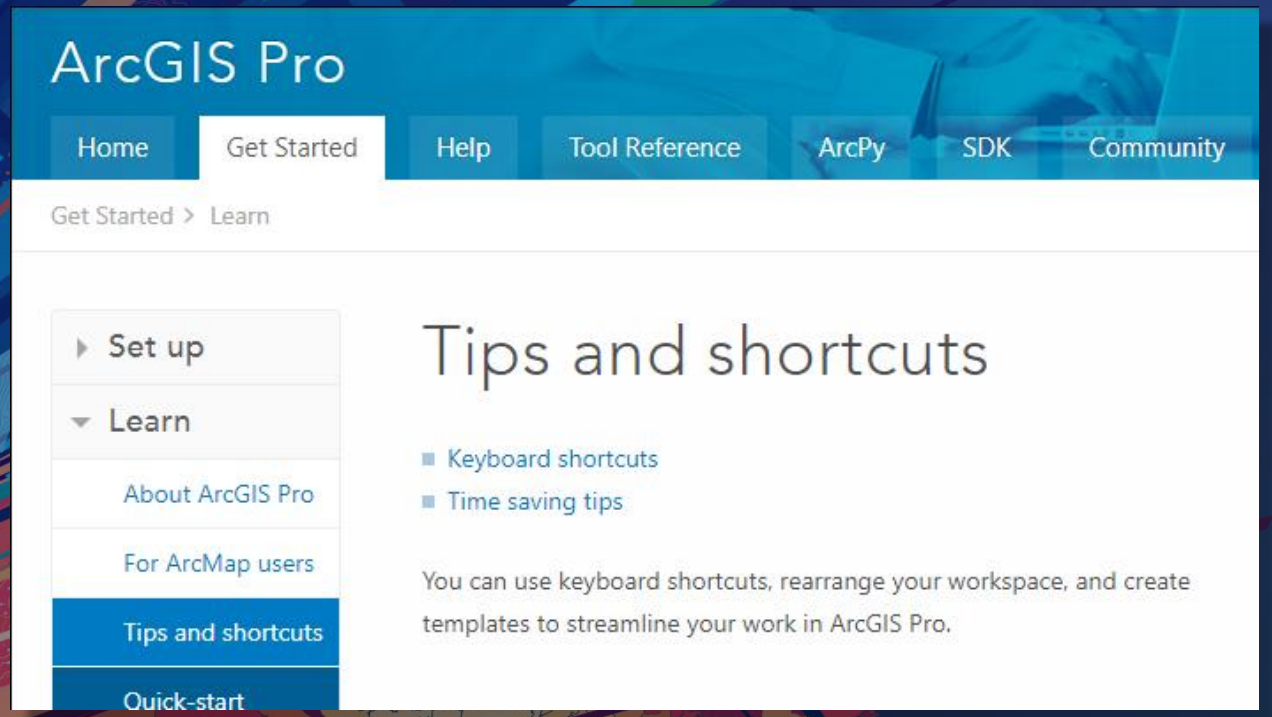
Complete answers and select “Submit”



Agenda

- Resources
- Getting Started
- Map Exploration
- Map Authoring and Sharing
- 3D



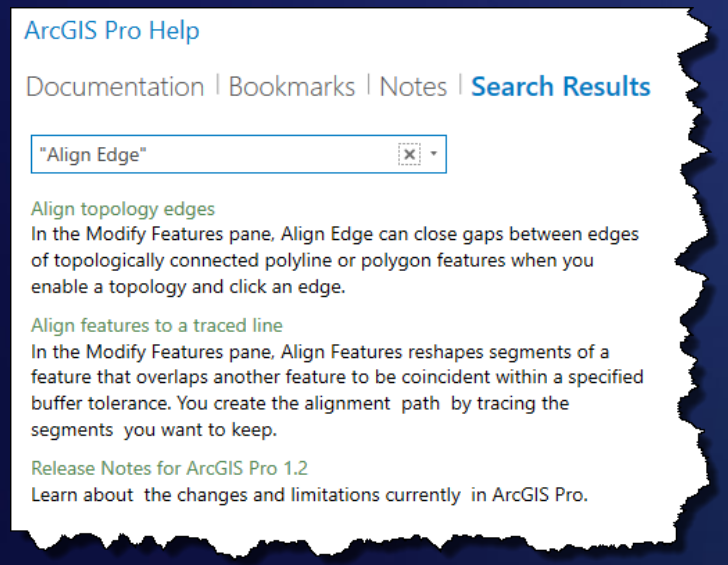


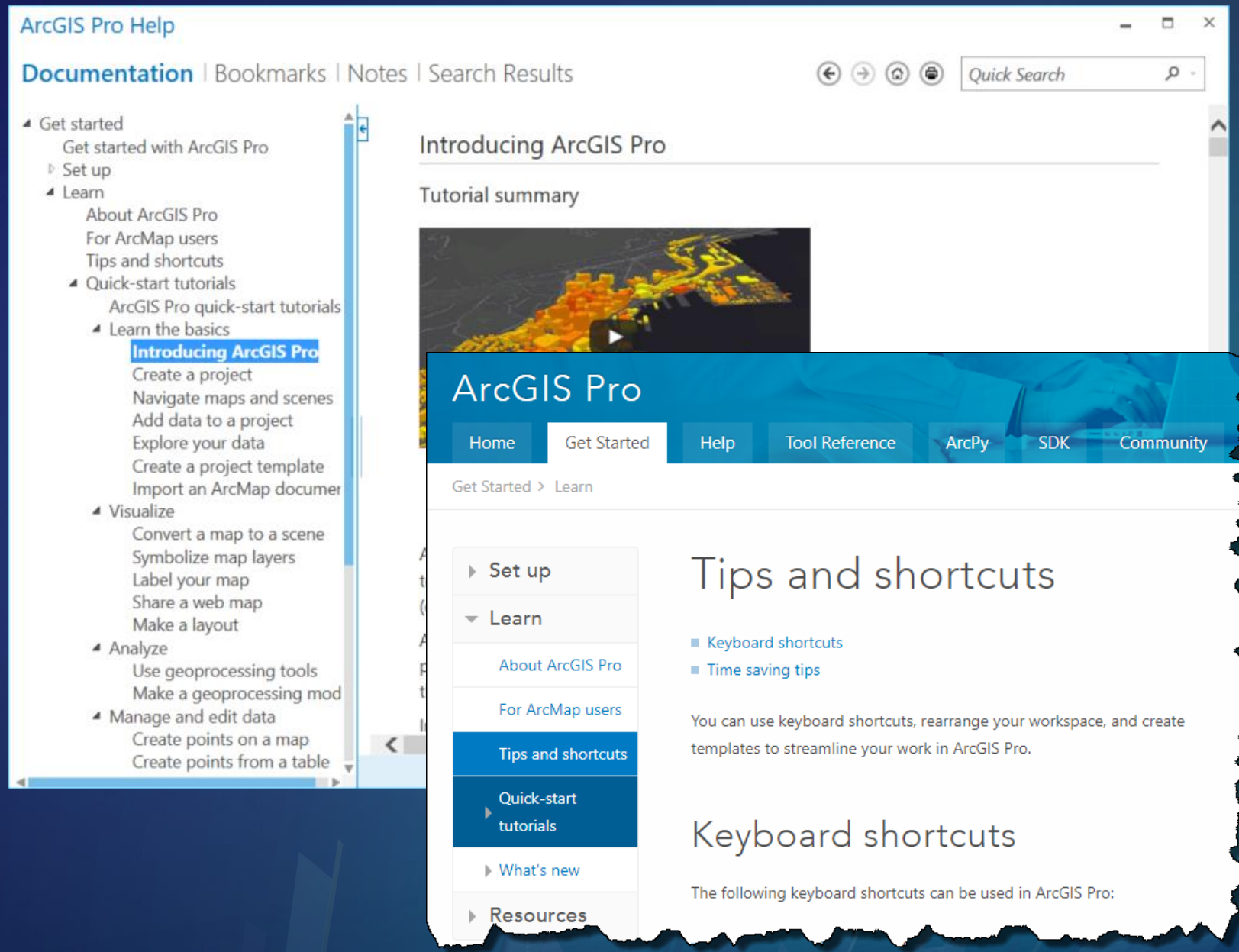
Getting Started Resources

J.D. Overton

ArcGIS Pro Help

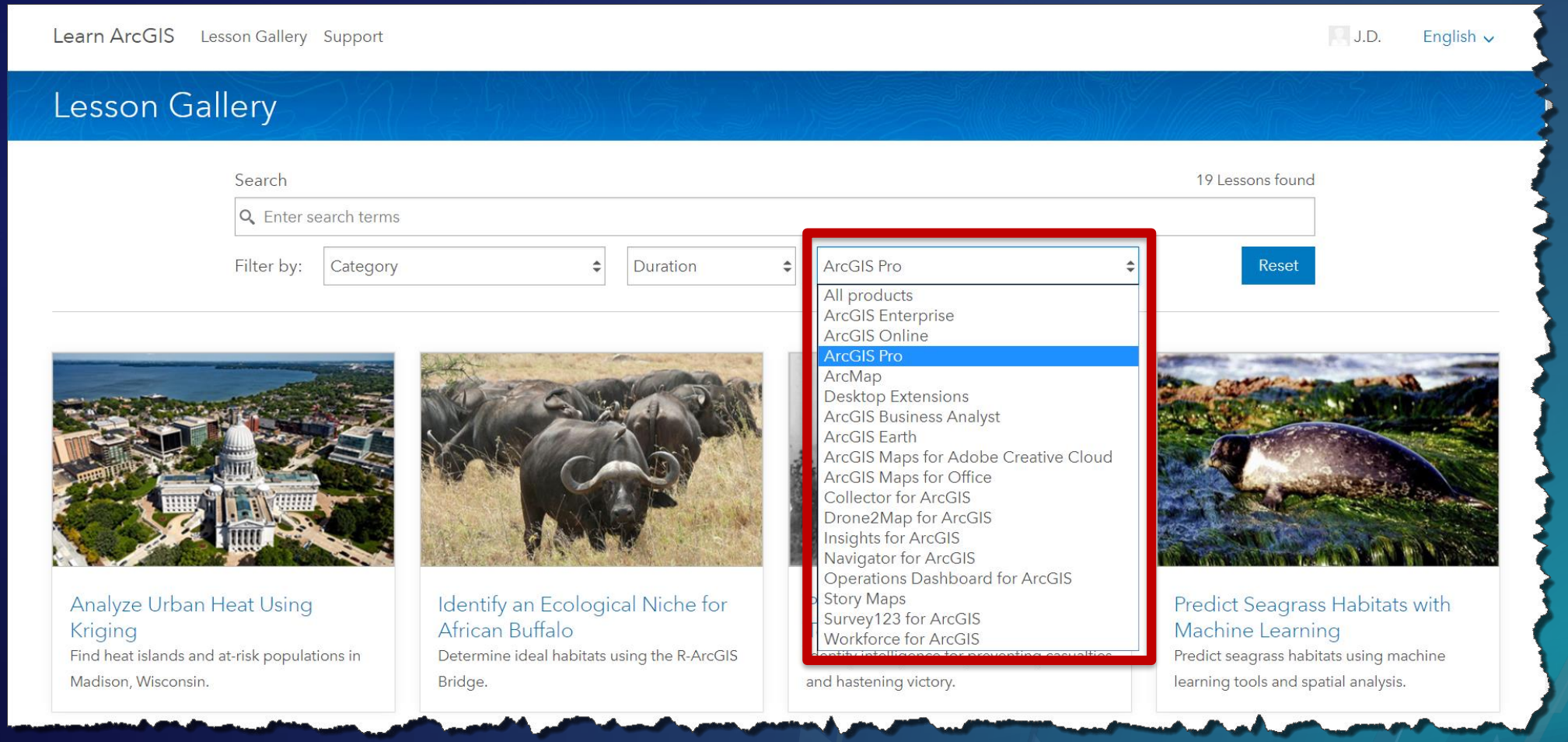
- **Get Started with ArcGIS Pro**
  - **16 Quick-start tutorials**
- **Tips and shortcuts**
- **Use double quotes when searching Help "Align Edge"**





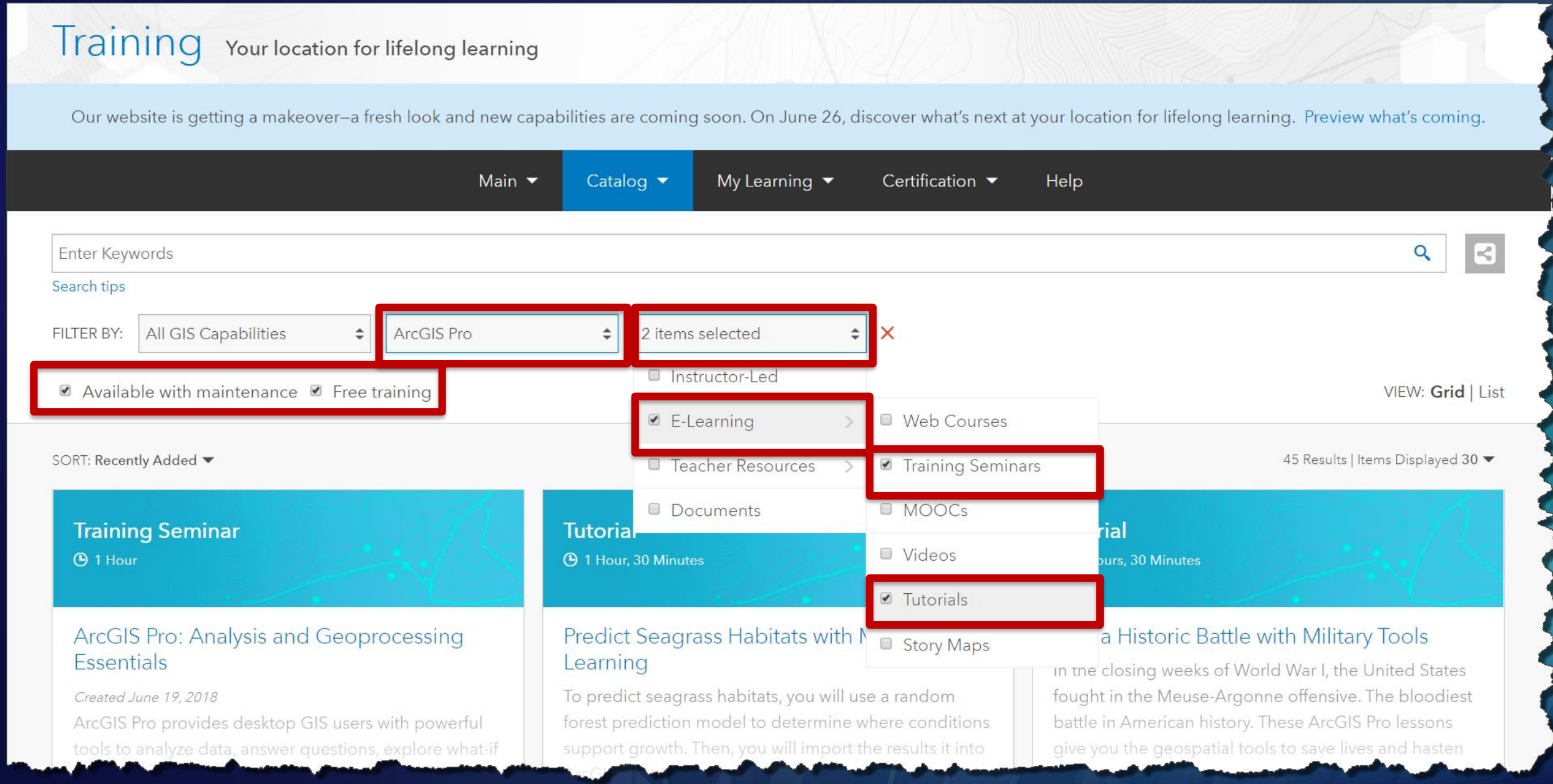
learn.arcgis.com

22 ArcGIS Pro lessons



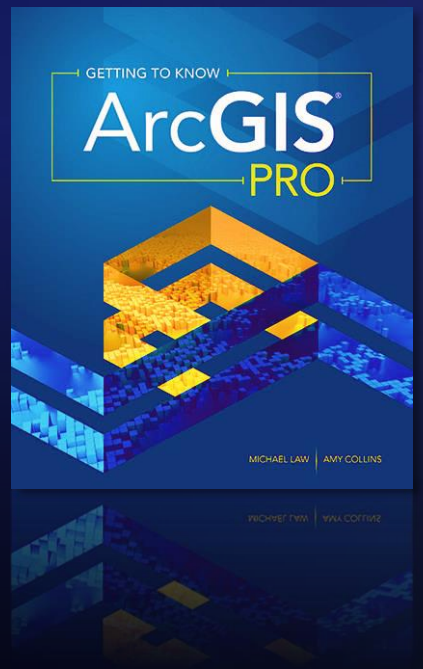
esri.com/training

web courses, videos and training seminars

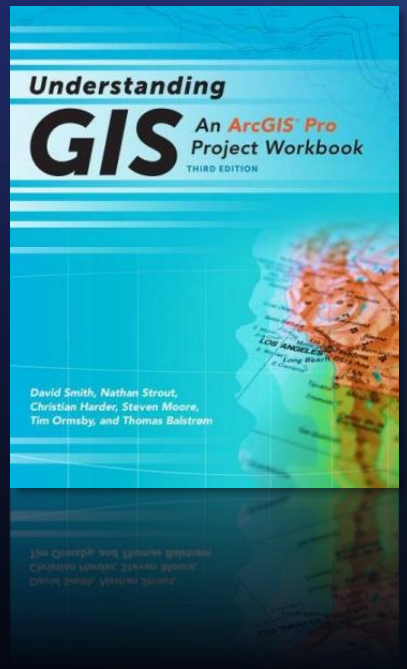


4 Esri Press Books

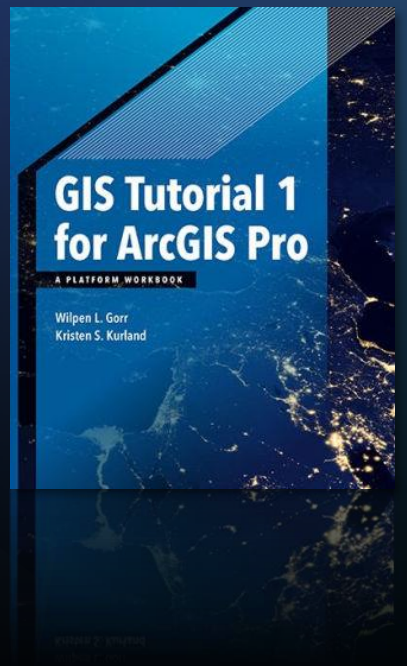
Getting to Know ArcGIS Pro



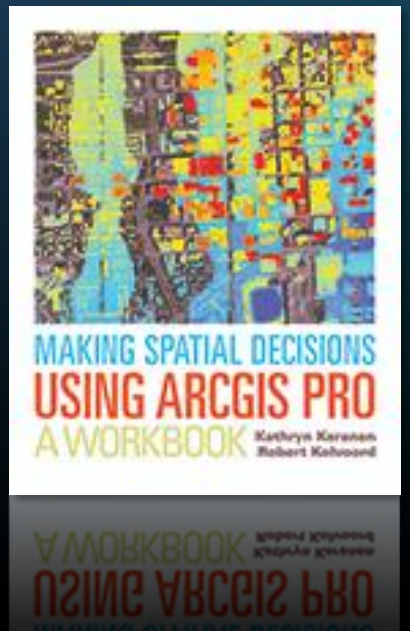
Understanding GIS:
An ArcGIS® Pro Project Workbook



GIS Tutorial 1 for ArcGIS® Pro:
A Platform Workbook



Making Spatial Decisions Using ArcGIS Pro



ArcGIS Blog

https://blogs.esri.com/esri/arcgis/feed

https://blogs.esri.com/esri/arcgis/tag/arcgis-pro/

esri ArcGIS Industries About Support Sign In

ArcGIS Blog Overview Topics

ArcGIS Pro Articles

ArcGIS Pro 2.2 Now Available!

Richard Kachelriess | June 26, 2018

See just some of the new features you'll find in the largest update to ArcGIS Pro yet.

Read this article →

ArcGIS Pro Events and Activities

The Esri User Conference has many presentations and events with hundreds of topics covered. To help you find your way to the ArcGIS Pro sessions and events, we have prepared a more focused agenda.

ArcGIS Pro: Q&A with the Development Team

Thursday, July 12 8:30 AM–9:30 AM
Ballroom 20 D, SDCC

ArcGIS Pro is the future of desktop GIS for 2D and 3D mapping, analysis and editing. Come meet the senior members of the ArcGIS Pro team and ask your question about ArcGIS Pro capabilities now and what's planned for the future. The team will also be address common migration questions received via Social Media and Esri Support.

ArcGIS Pro in the Esri Showcase

Tuesday, July 10 9:00 AM–6:00 PM
Wednesday, July 11 9:00 AM–6:00 PM
Thursday, July 12 9:00 AM–1:30 PM
Ground Level Exhibit Hall B, SDCC

ArcGIS Pro is used to build the data, maps and analytical models you use throughout the ArcGIS platform. Visit the ArcGIS Pro area and talk with the product team about getting started, licensing, sharing your maps and scenes, and developing custom add-ins using the ArcGIS Pro SDK.

Topics covered in the ArcGIS Pro area include:

- Getting started with ArcGIS Pro
- Migrating to ArcGIS Pro
- Building ArcGIS Pro add-ins with the ArcGIS Pro SDK
- Licensing ArcGIS Pro
- Sharing maps and scenes
- ArcGIS Pro development roadmap
- Tasks
- ArcGIS Pro integration and development patterns

esri THE SCIENCE OF WHERE

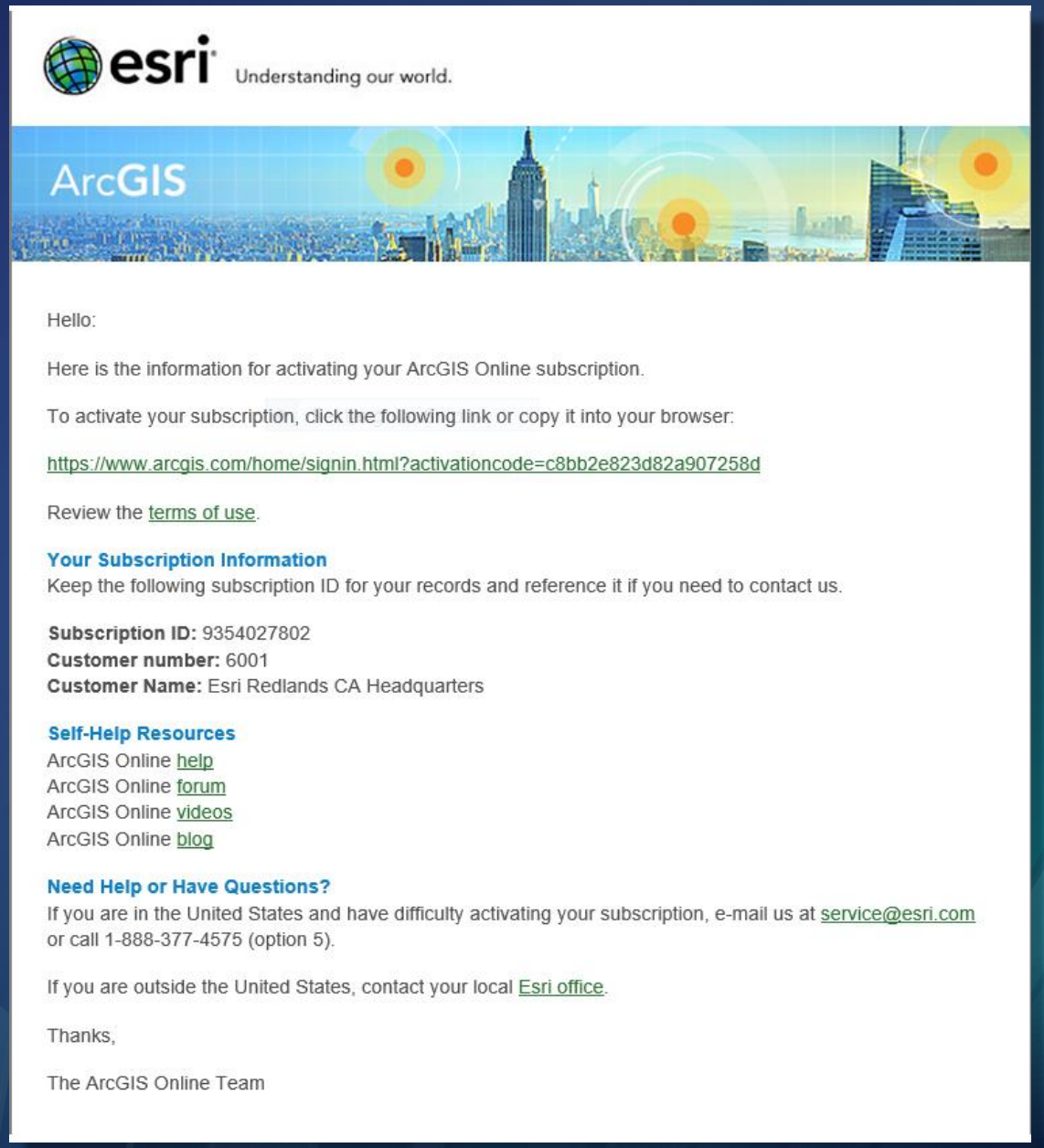
SDCC = San Diego Convention Center
Please note: All listings subject to change; not every paper or event may be presented here.

ArcGIS Pro Events and Activities UC 2018 http://bit.ly/ProUC18

Important Licensing e-mail

When Managing ArcGIS Pro Licenses with ArcGIS Online

- Sent to Primary Maintenance Contact
- Needed to Activate your ArcGIS Online Subscription
- ArcGIS Pro Licenses can then be added to Online Organization and assigned



esri Understanding our world.

ArcGIS

Hello:

Here is the information for activating your ArcGIS Online subscription.

To activate your subscription, click the following link or copy it into your browser:

https://www.arcgis.com/home/signin.html?activationcode=c8bb2e823d82a907258d

Review the terms of use.

Your Subscription Information
Keep the following subscription ID for your records and reference it if you need to contact us.

Subscription ID: 9354027802
Customer number: 6001
Customer Name: Esri Redlands CA Headquarters

Self-Help Resources
ArcGIS Online help
ArcGIS Online forum
ArcGIS Online videos
ArcGIS Online blog

Need Help or Have Questions?
If you are in the United States and have difficulty activating your subscription, e-mail us at service@esri.com or call 1-888-377-4575 (option 5).

If you are outside the United States, contact your local Esri office.

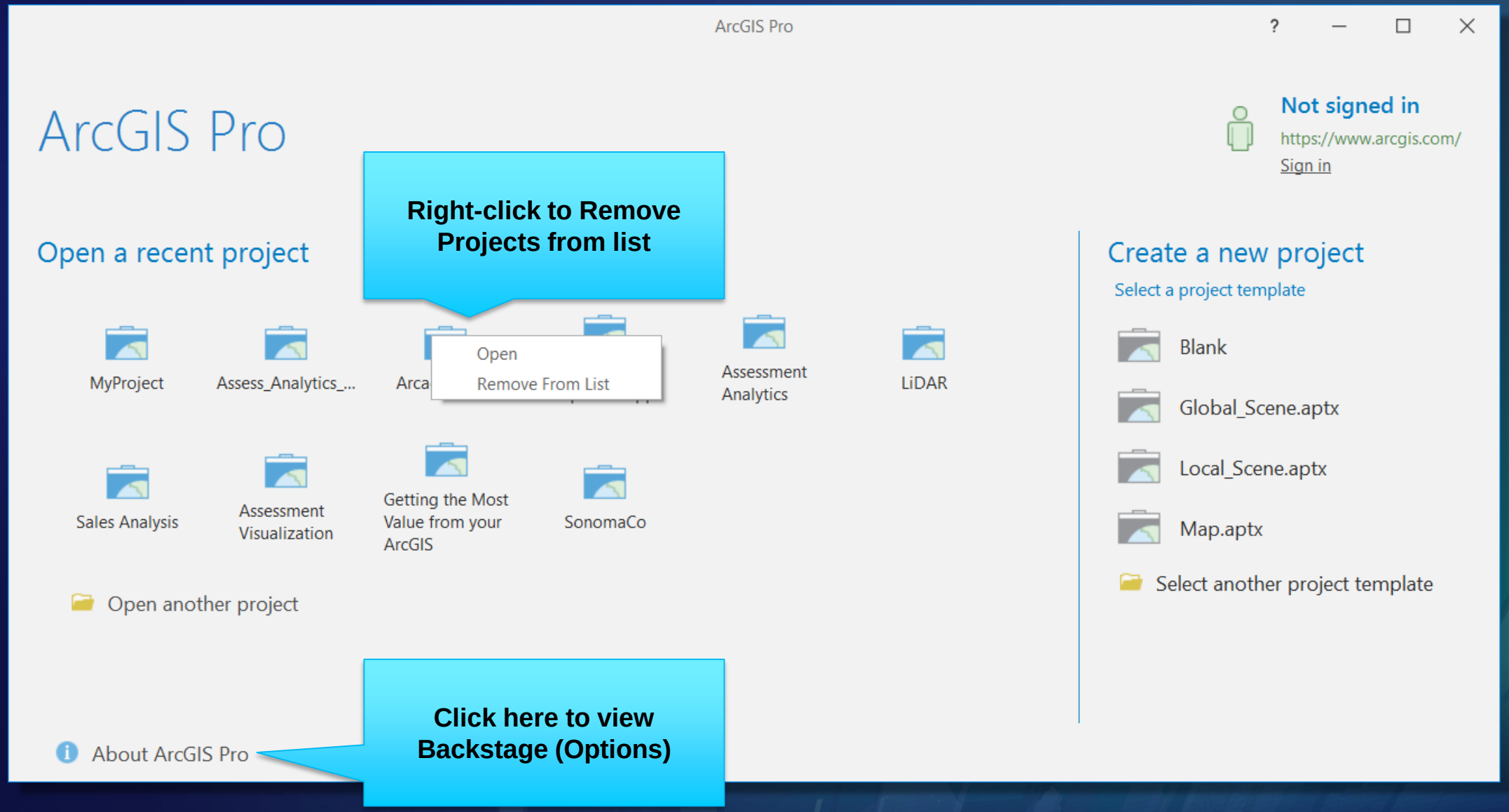
Thanks,

The ArcGIS Online Team

Licensing and Defaults

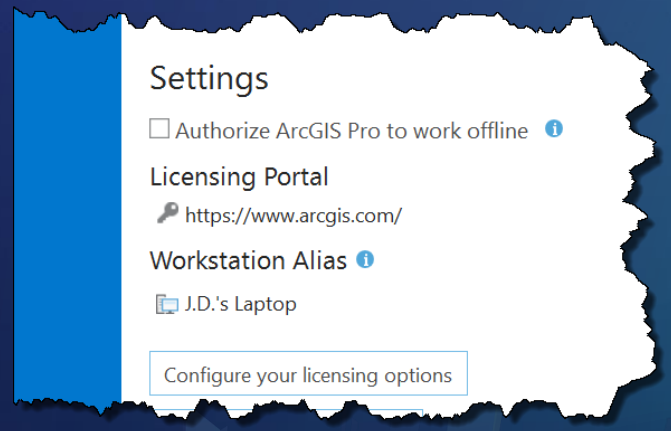
Kory Kramer

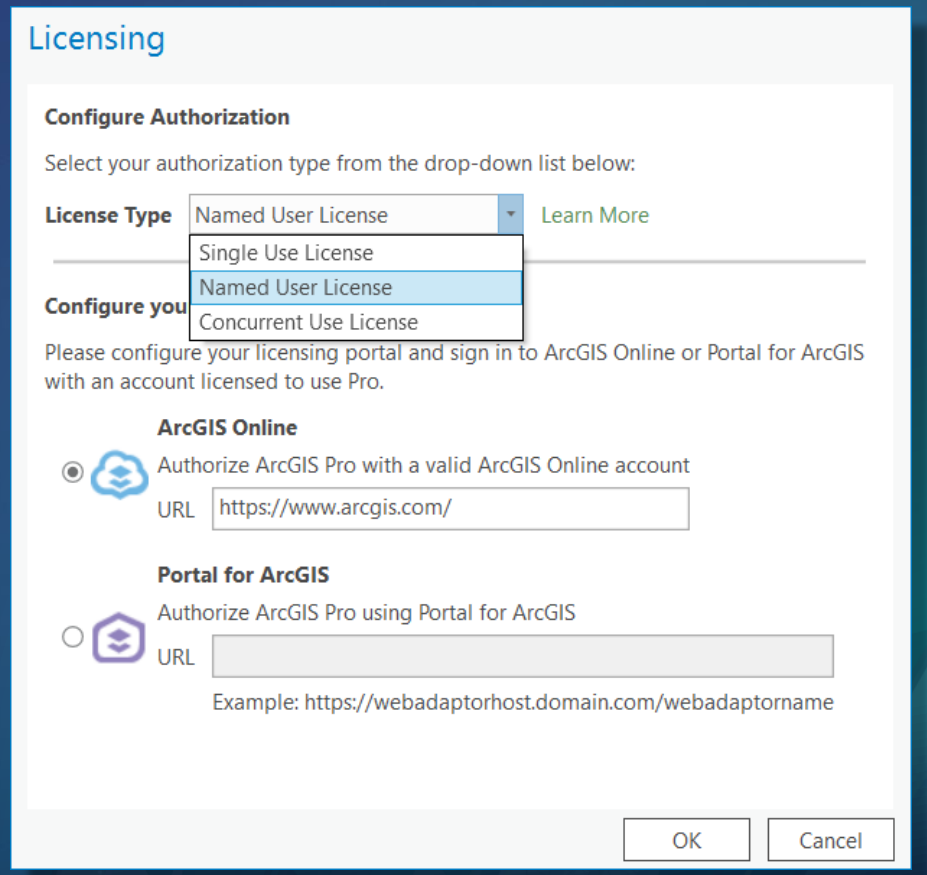
Start screen

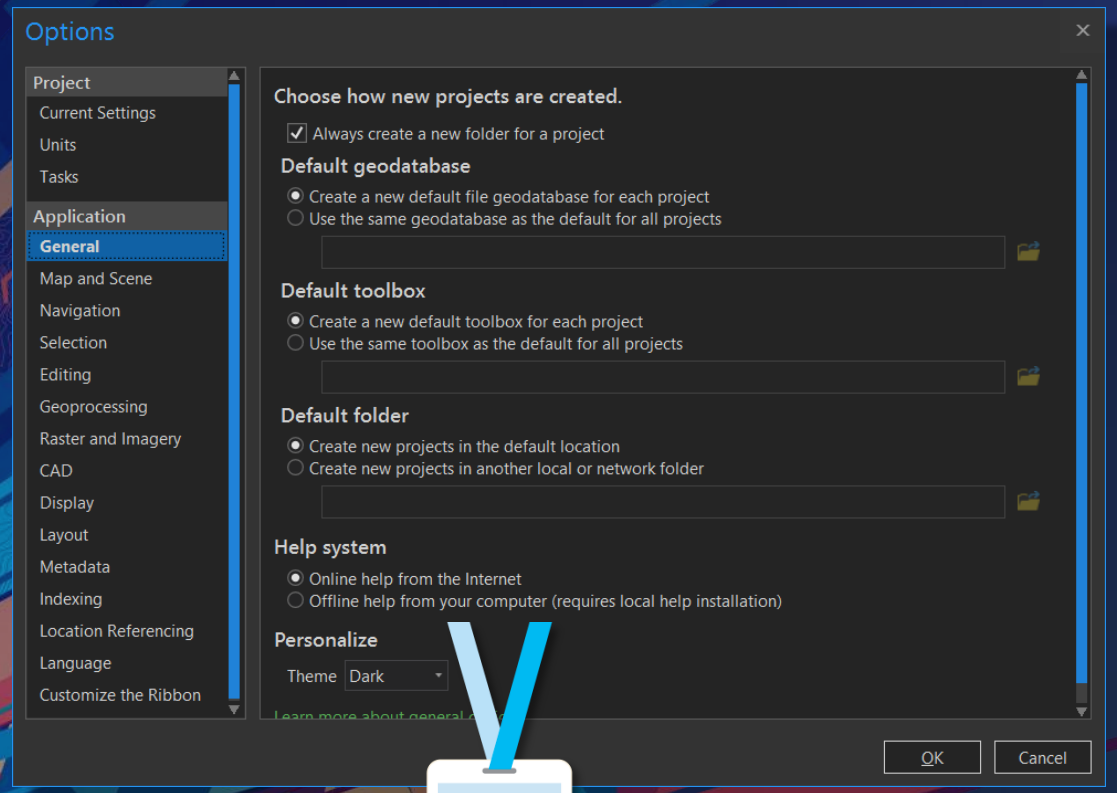


Licensing

- Project > Portals (Licensing icon)
  - Create custom Role for non Admins to manage
- Configure Licenses
  - Set at Startup
  - Project > Licensing
- Go Offline
  - Take License Offline
  - Set Alias for machine







ACCESS
SECURITIES
CAPABILITIES

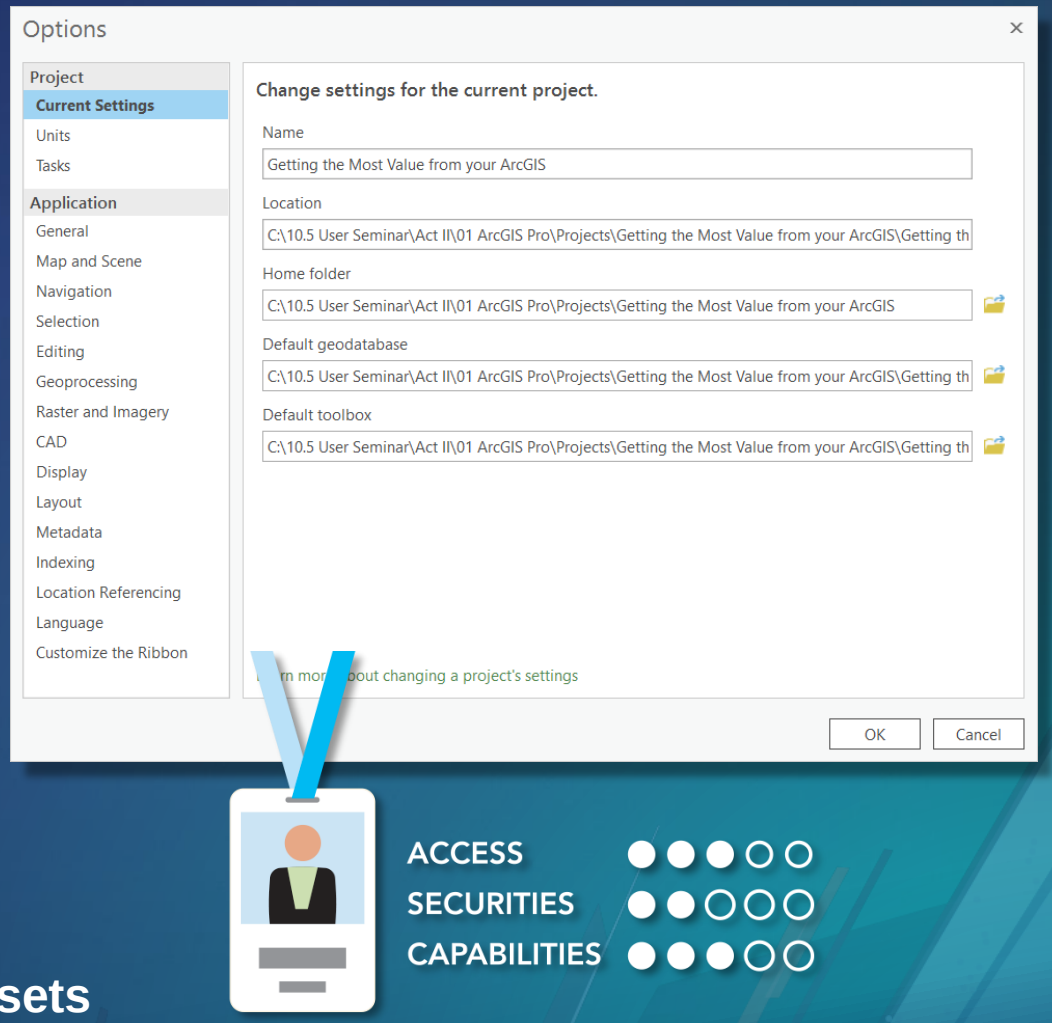
Procedures: backstage pass

Backstage

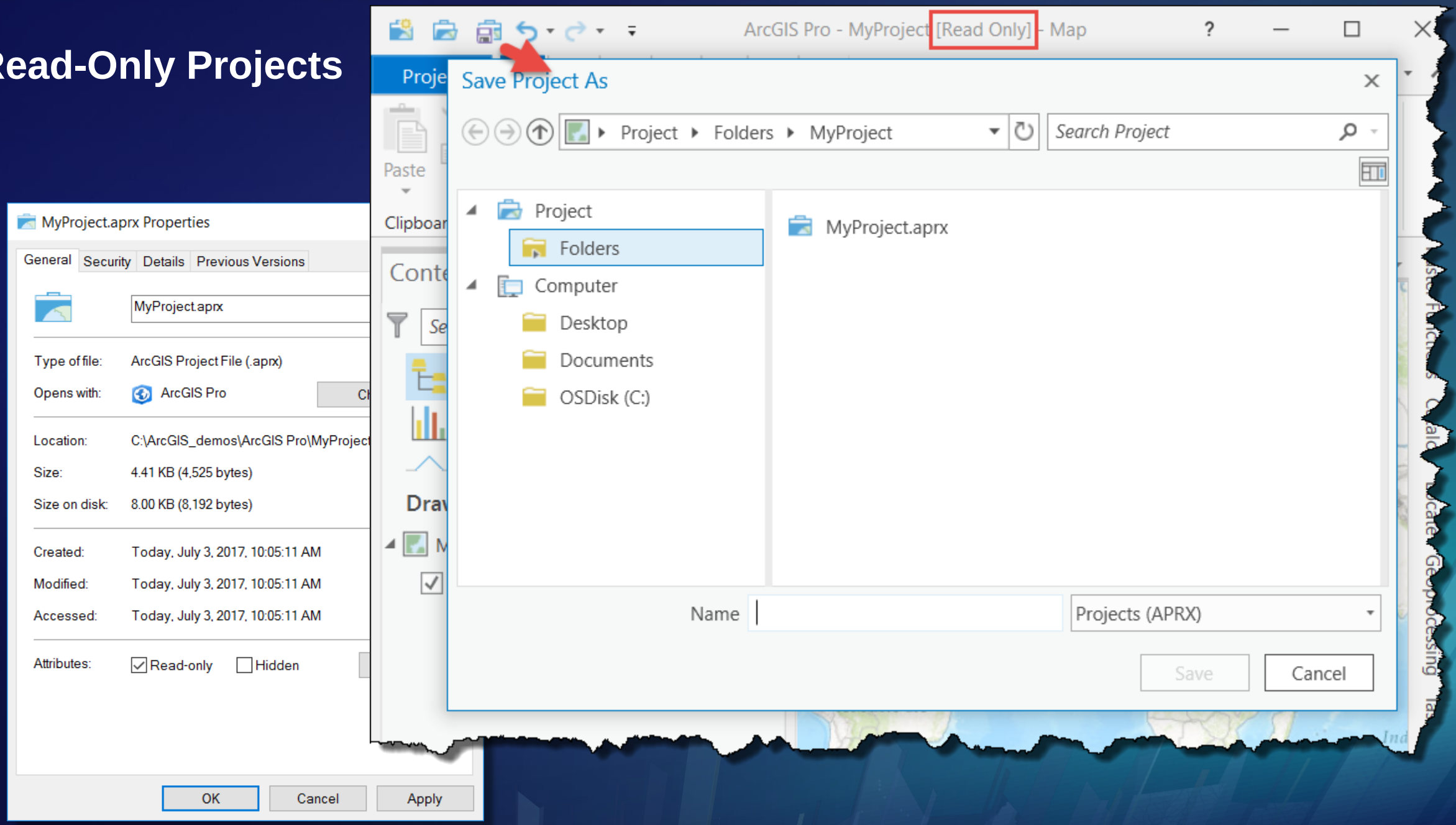
Options that establish how Pro works

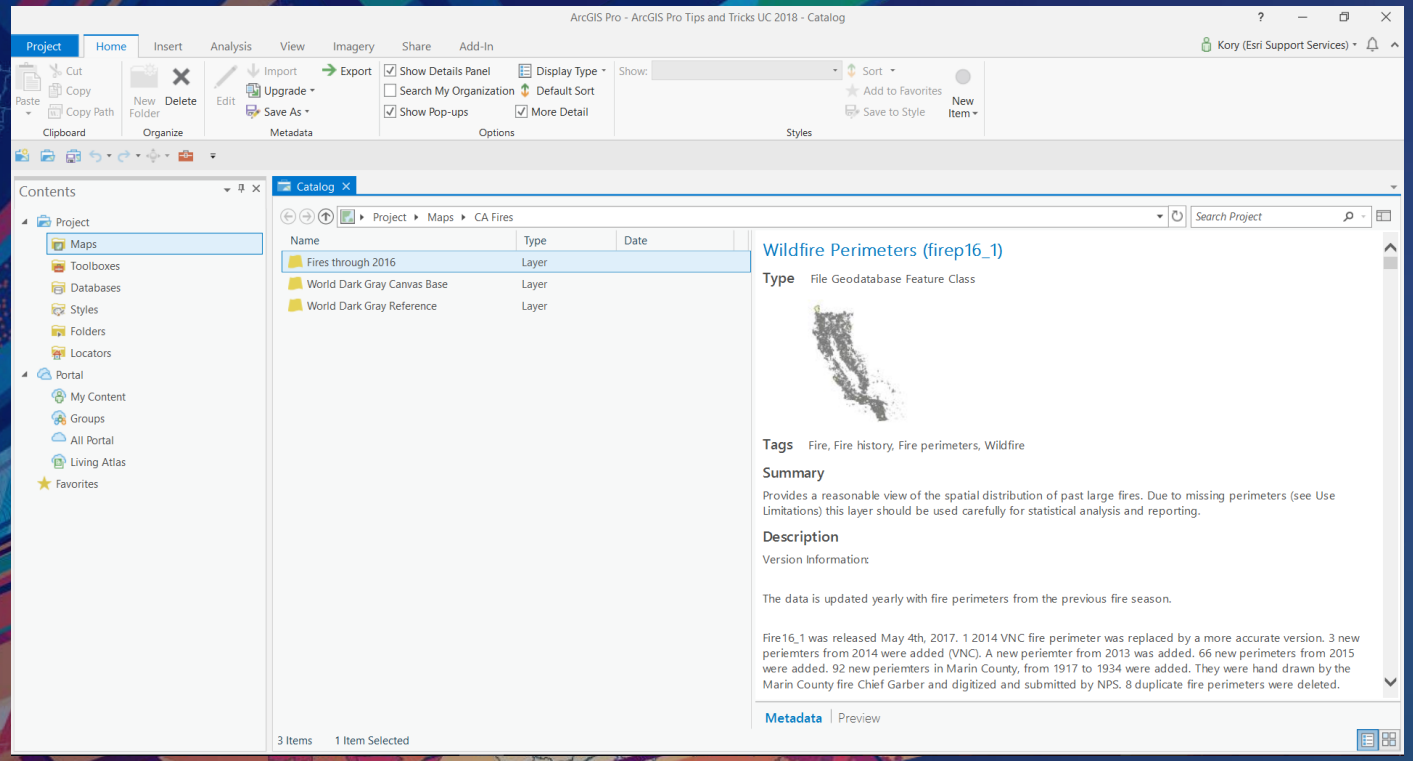
- General
  - Default GDB, Toolbox, and Folder locations
  - Be aware setting Enterprise GDB as Default make it target for GP output, Map Notes, etc.
- Map and Scene

  Basemap, New layers visible, and Spatial Reference
- Navigation
  - Roller wheel behavior and Transition Time
- Selection
  - Display interactive selection graphic
- Geoprocessing
  - Allow geoprocessing tools to overwrite existing datasets
- Raster and Imagery
  - Raster Dataset > Use world file to define the coordinates of the raster



Read-Only Projects





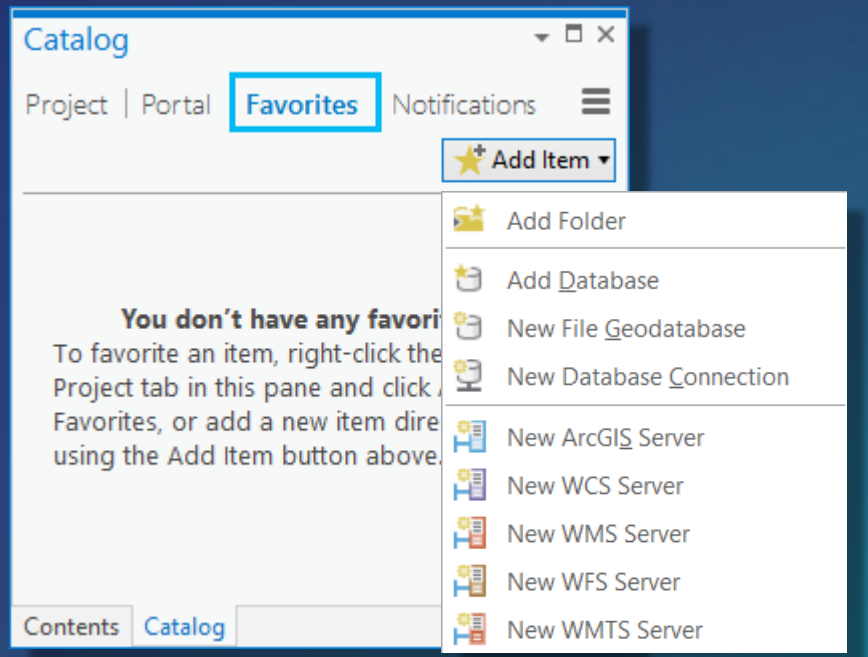
Managing Data

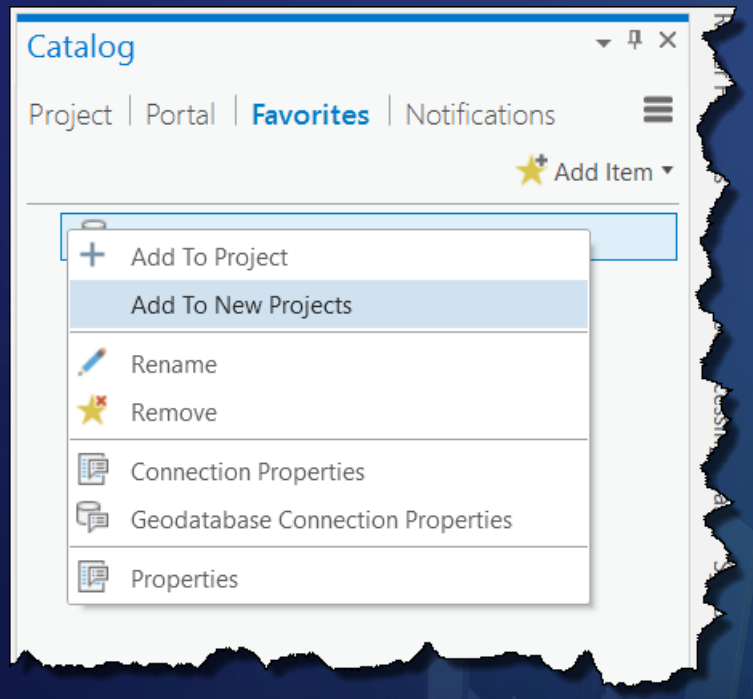
Ty Fitzpatrick

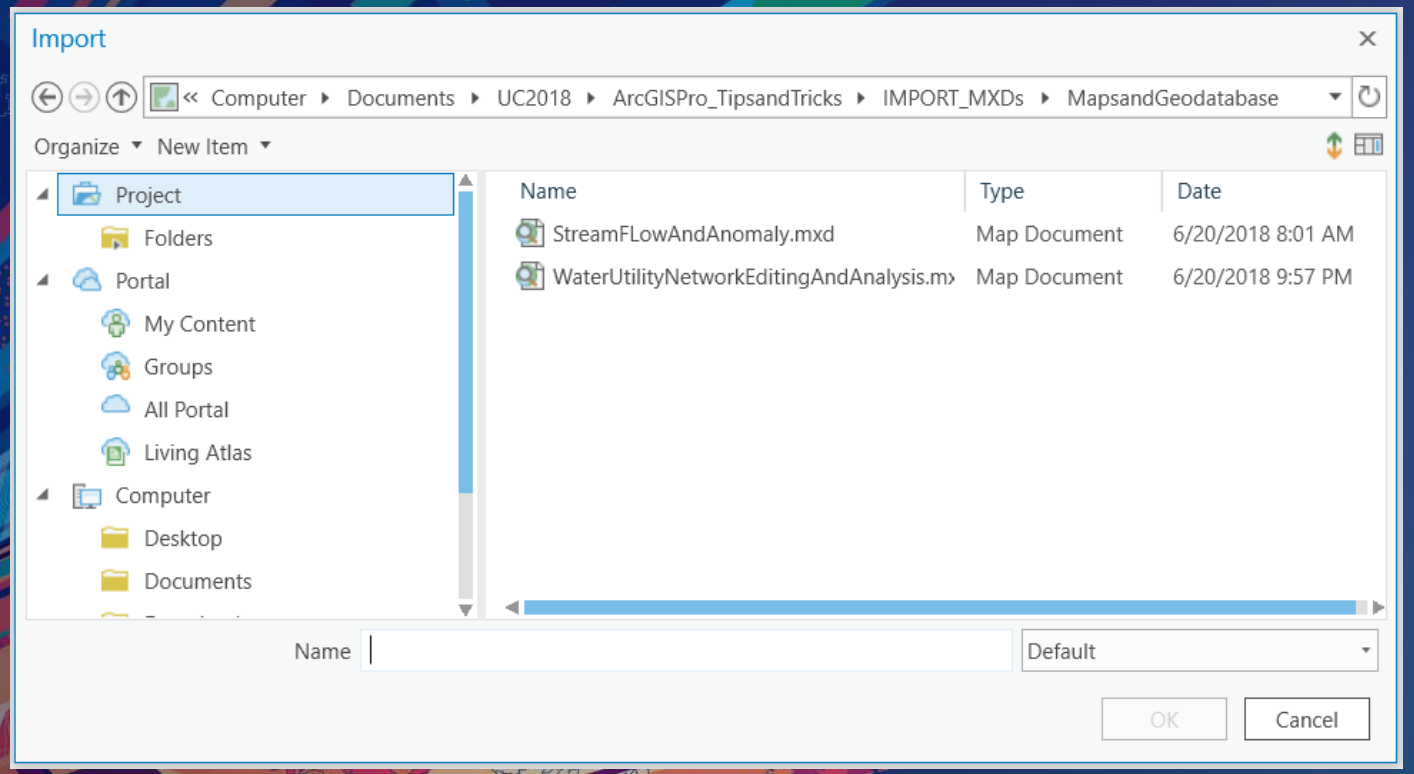
Favorites

Catalog pane

- Folder, database, server connections
- A-la cart or to every new project

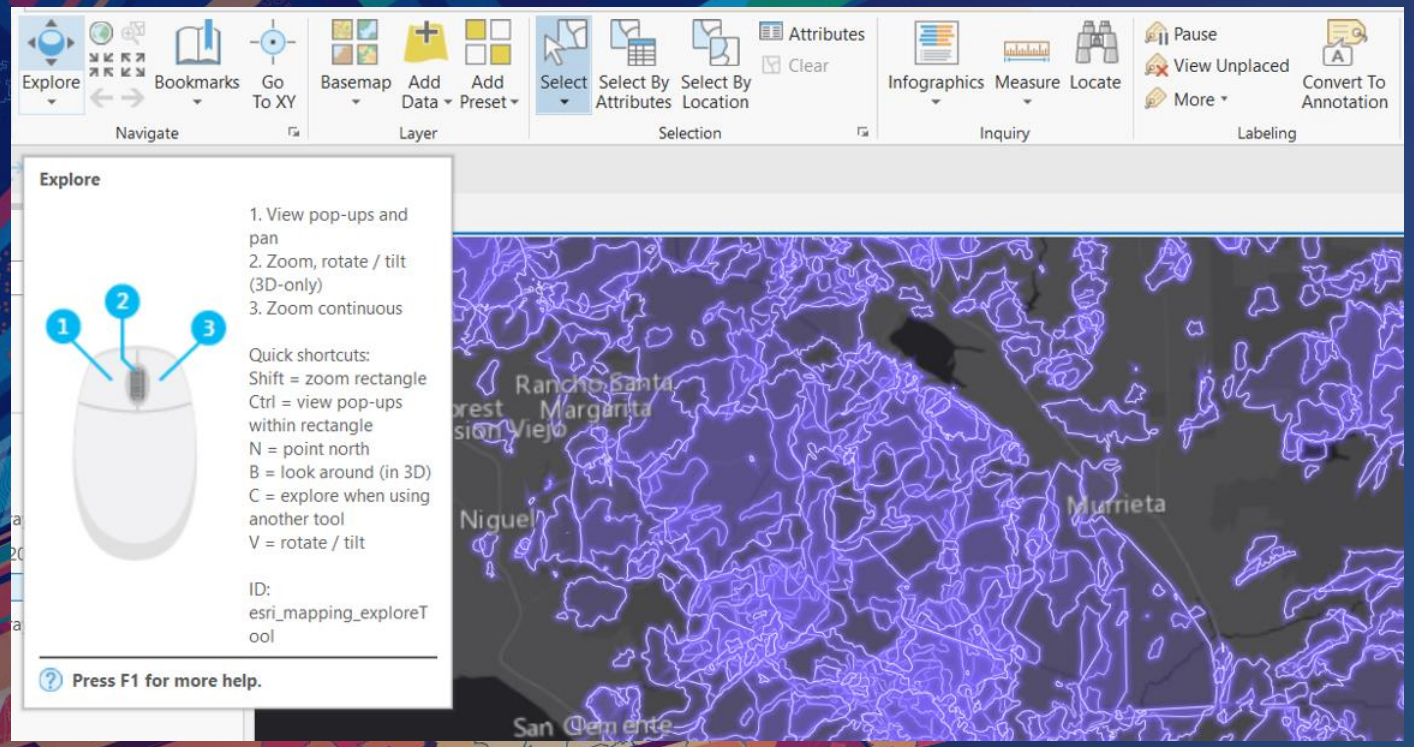






Import Work

Kory Kramer

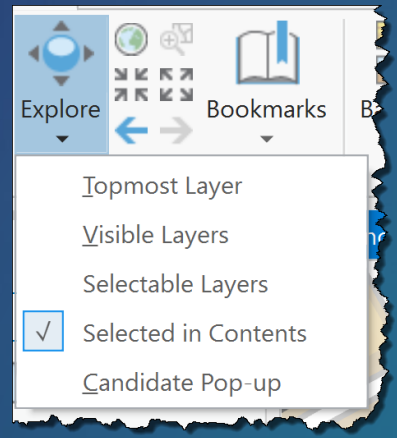


Explore

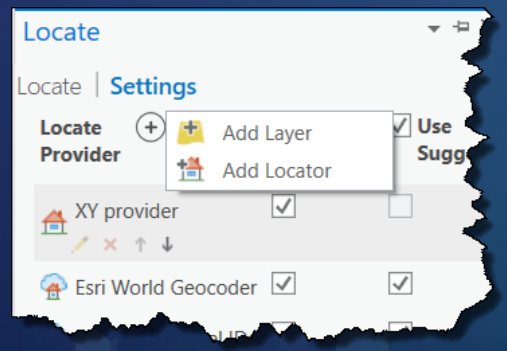
Nathan Shephard

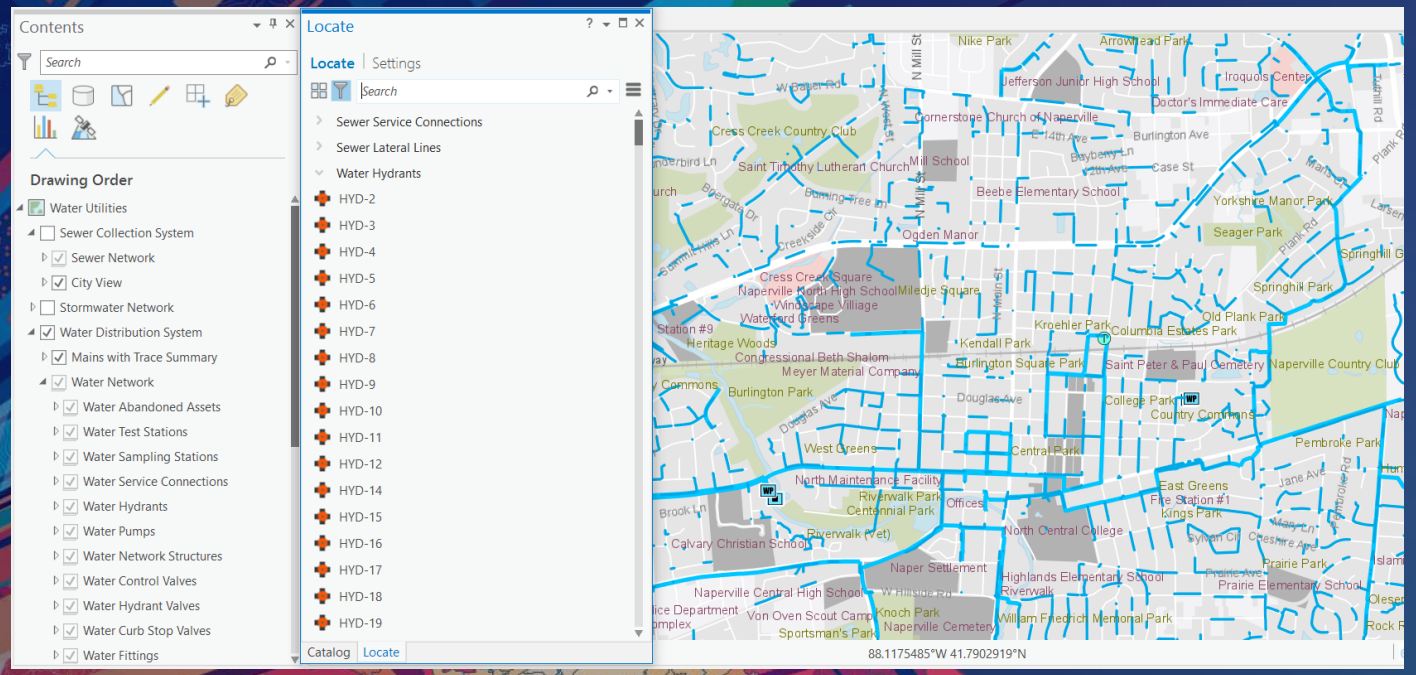
Map Exploration

- Link Maps (and/or Scenes)
- Bookmarks from any map available for other maps/scenes
- Explore tool is Identify, pan, zoom.
  - How to control what you are Identifying
    - Disable Popups on layers you don't want to Identify
    - Change the behavior of Explore tool



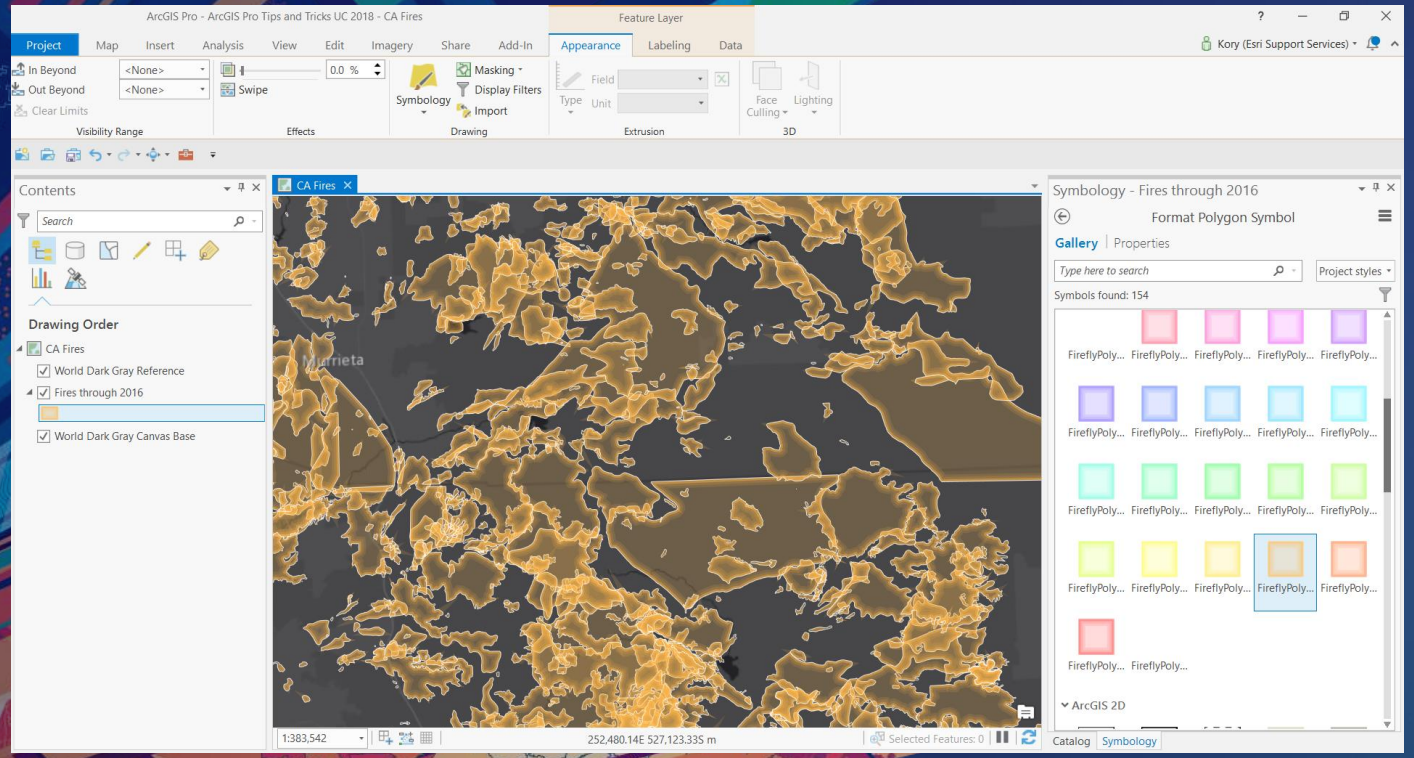
- Add Layers as Locators





Search and Locate

Ty Fitzpatrick



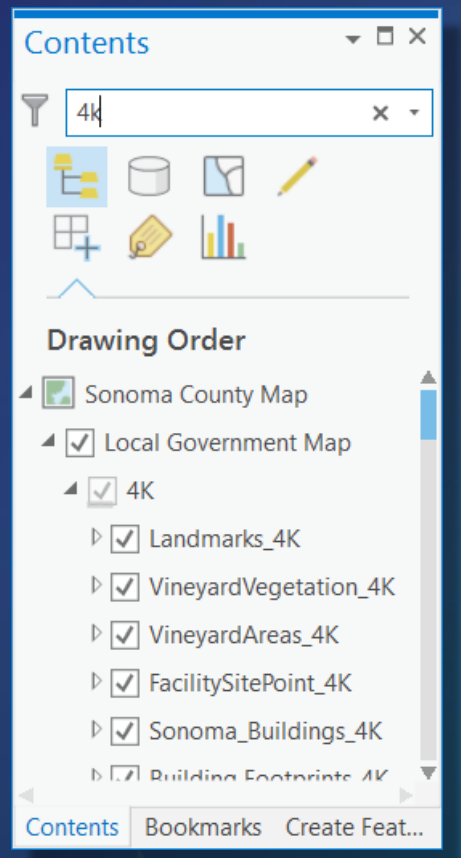
Mapping

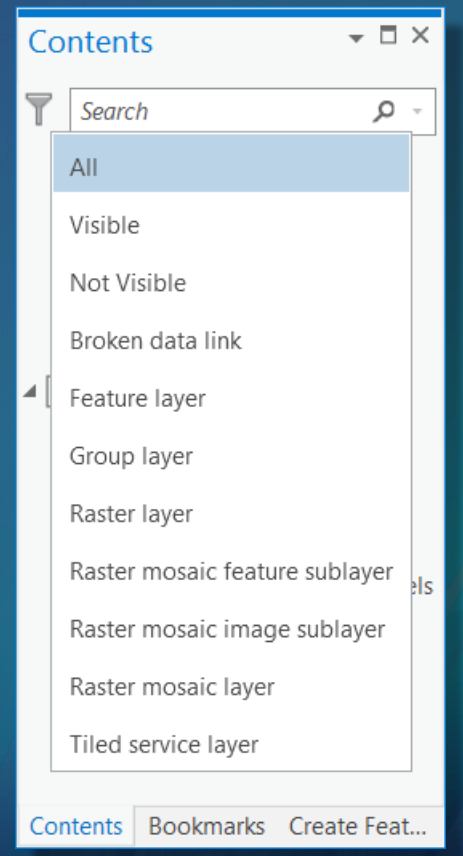
Kory Kramer

Contents Pane – Search and Filter

- **Search**
  - Layers filtered by Search string (4k)

- **Filter Contents**
  - All
  - Visible
  - Not Visible
  - Feature layer
  - Group layer
  - Raster
  - many more…

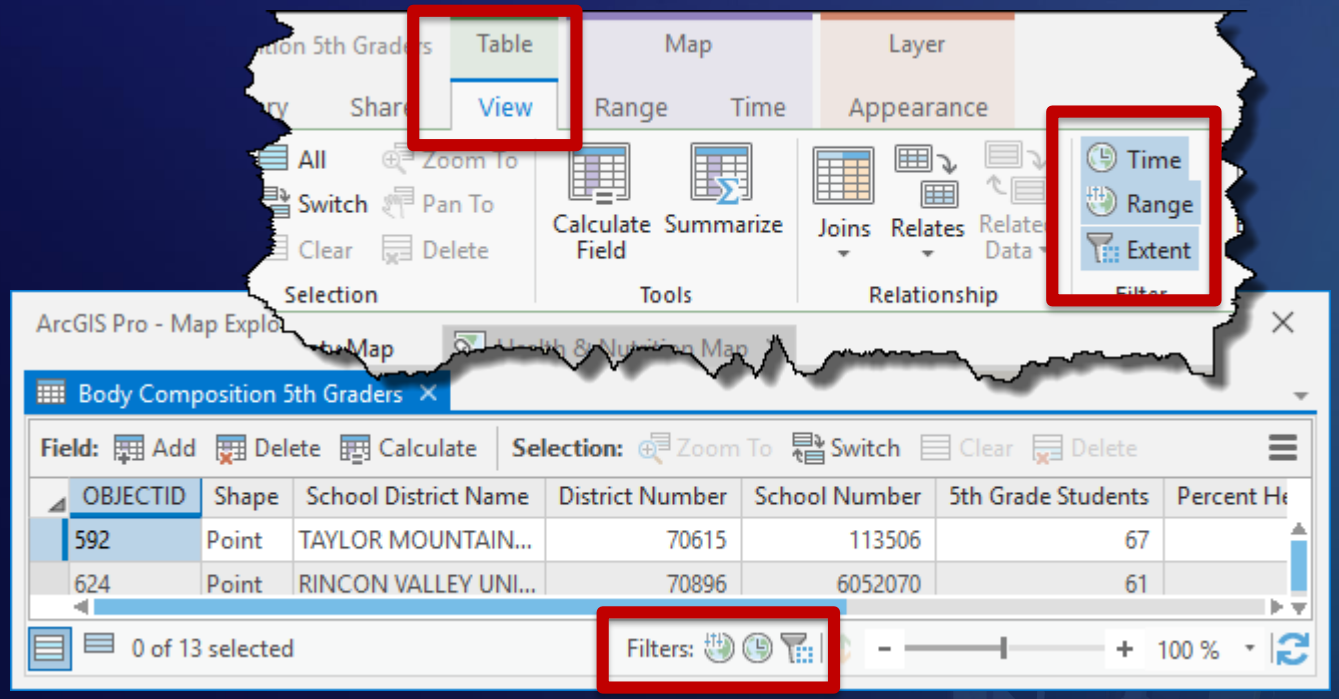


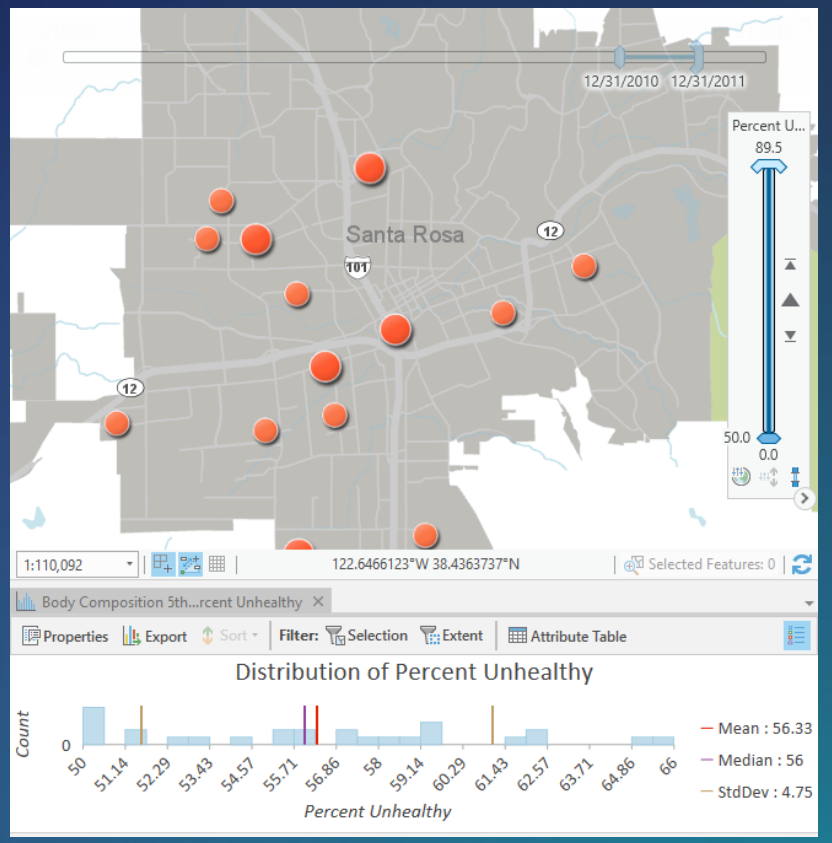


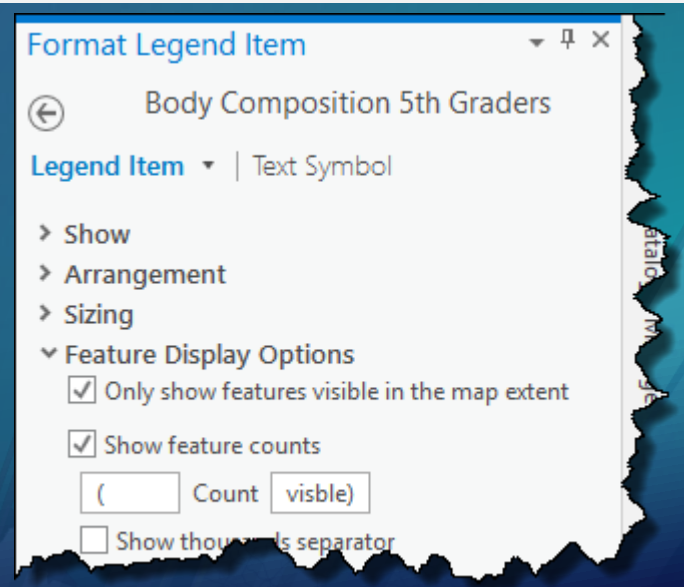
Dynamically Filter Layers by Time \ Range \ Extent

What you see is what you get

- Table window filtered by Time, Range, and Visible Extent
  - Highlighted Selected
- Charts dynamically update with Time and Range
- Legends on Layout show visible features

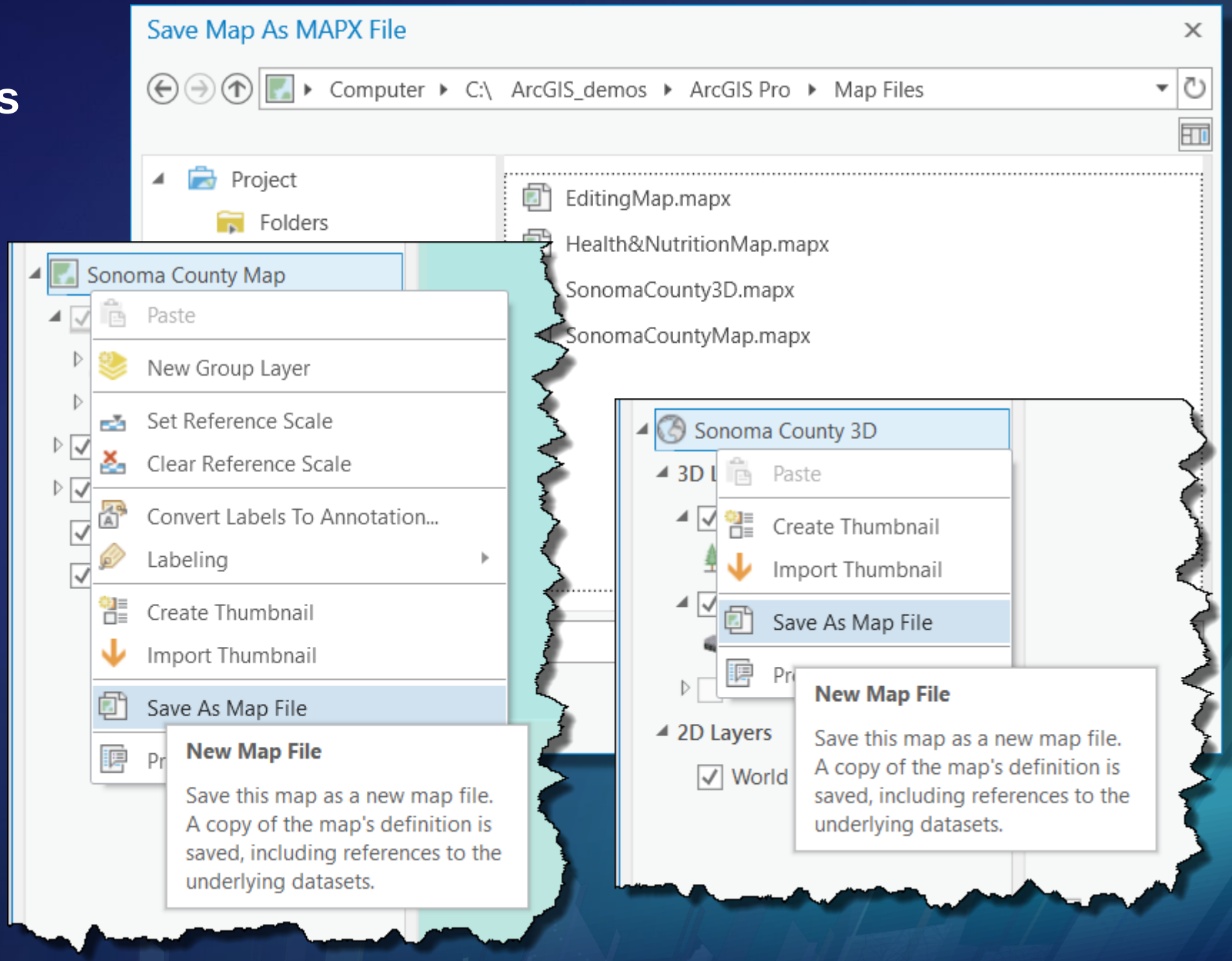


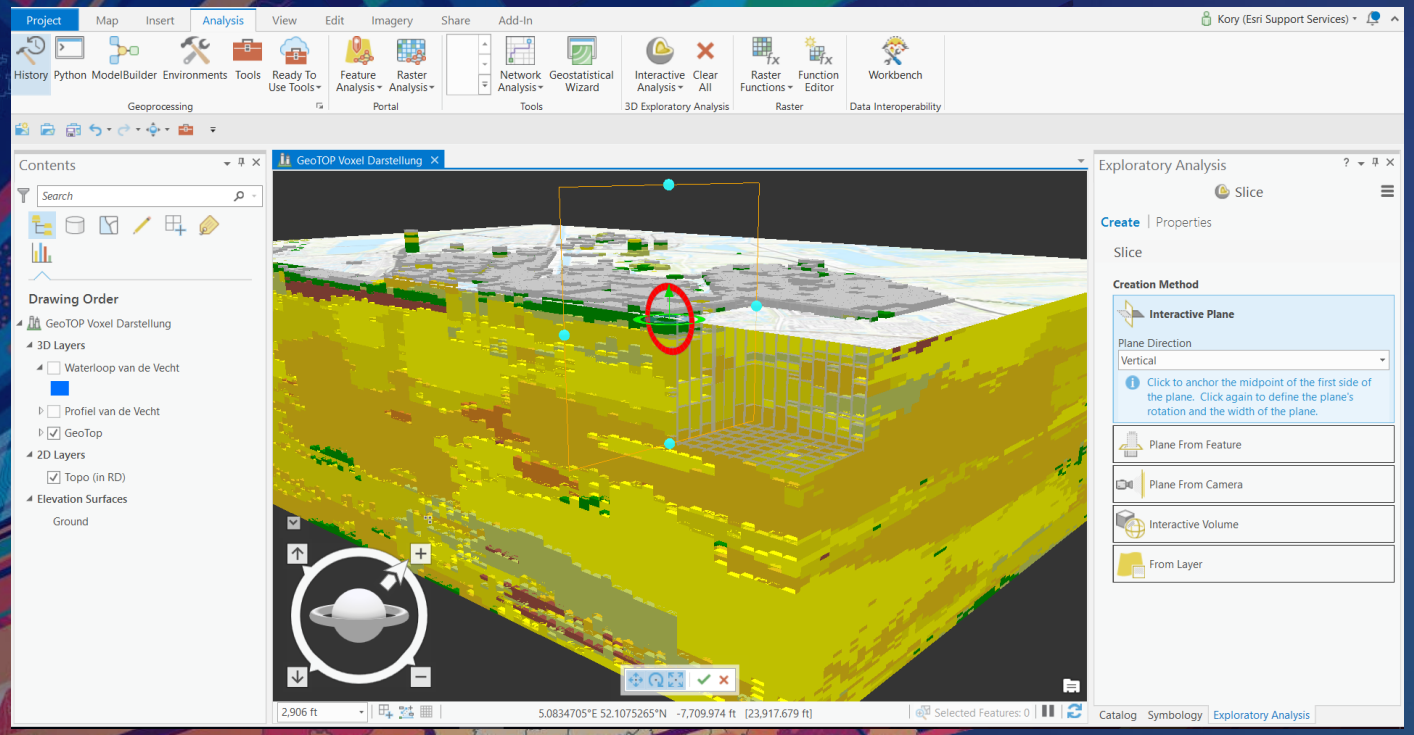




Save Maps and Scenes

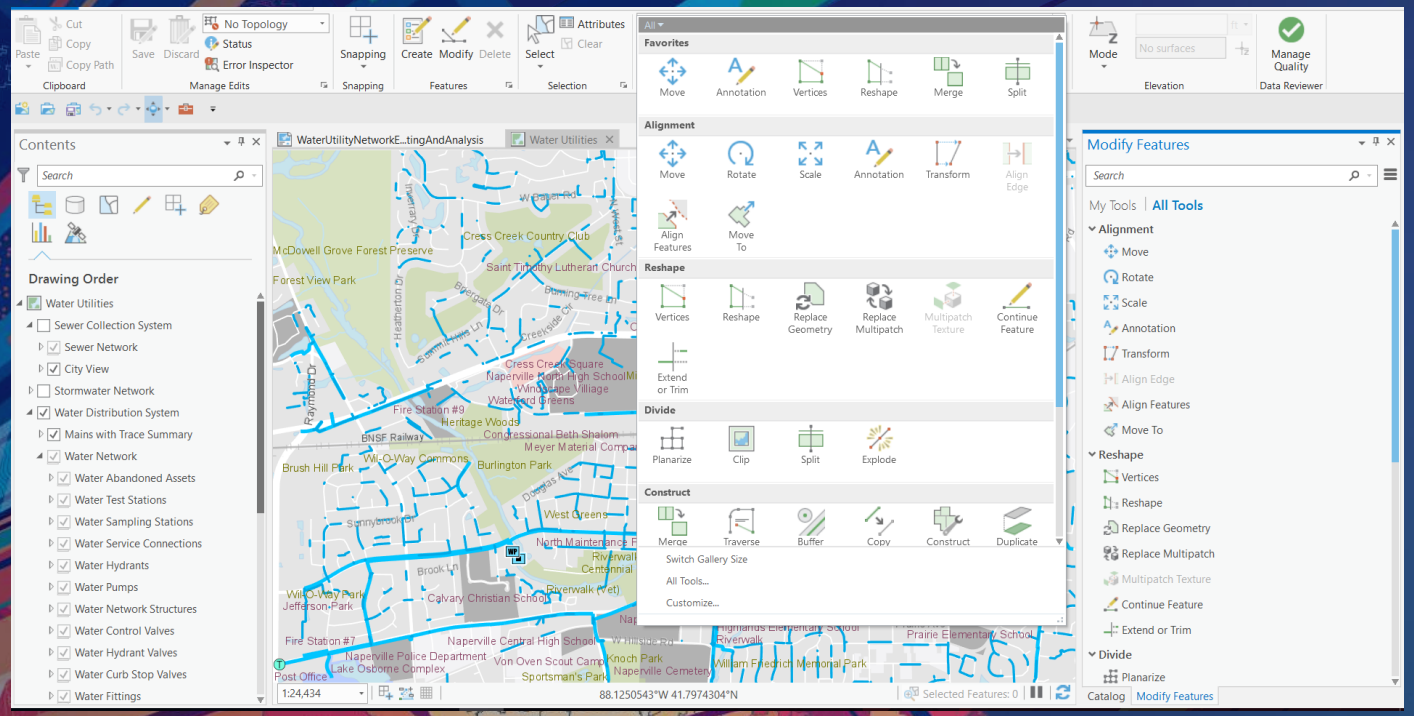
- Use in other projects
- Backup
- Share with others





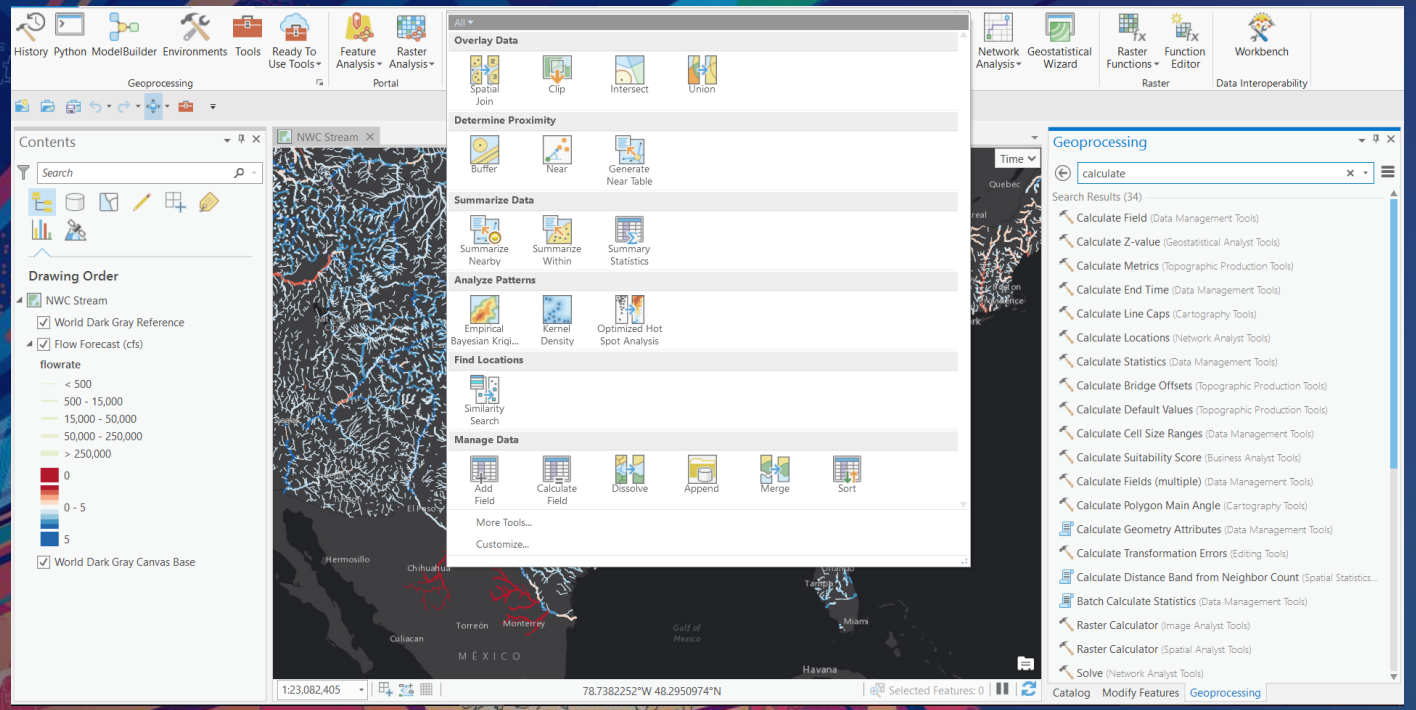
3D Mapping and Exploration

Nathan Shephard



Editing

Kory Kramer

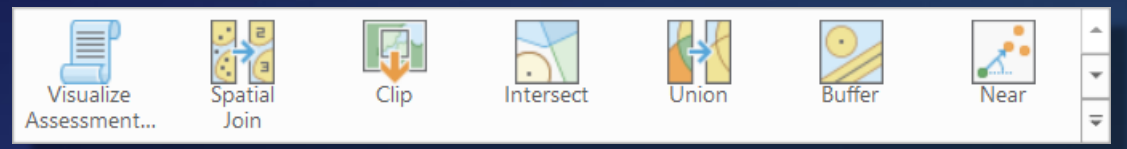


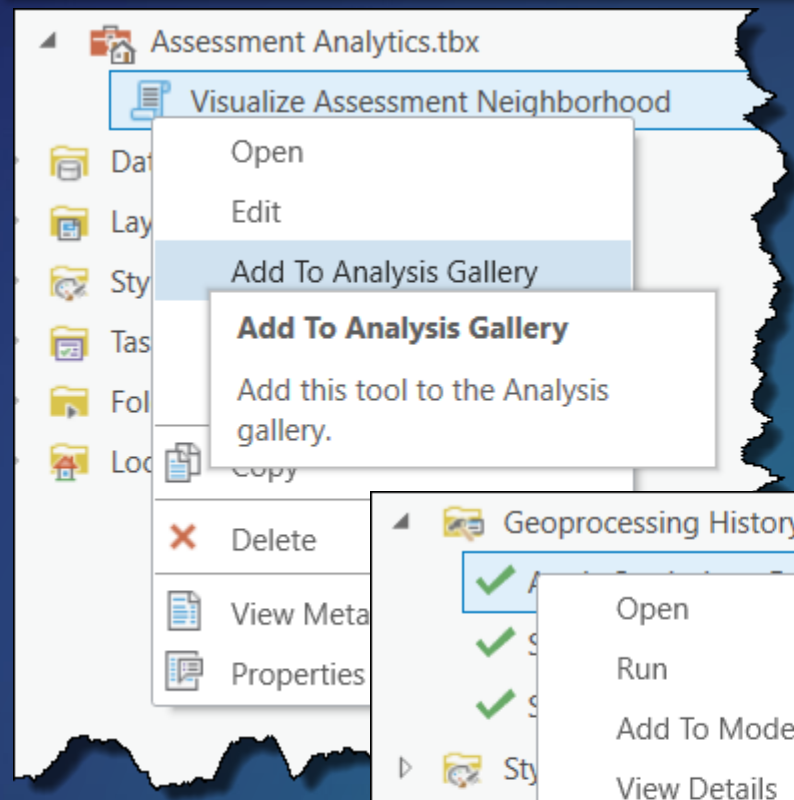
Analysis

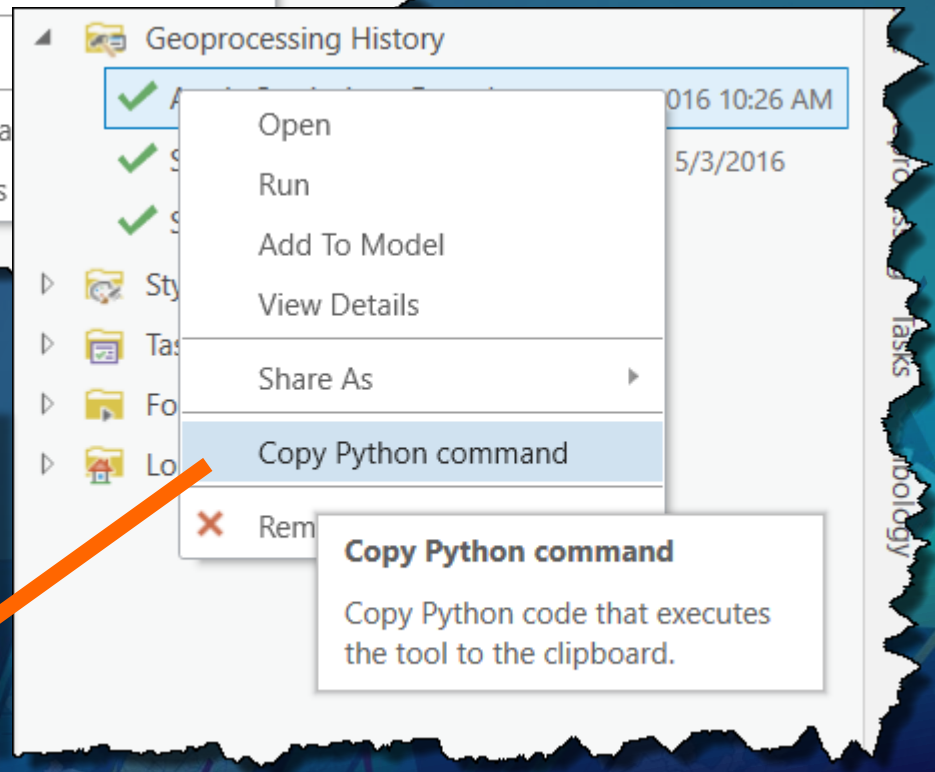
Kory Kramer

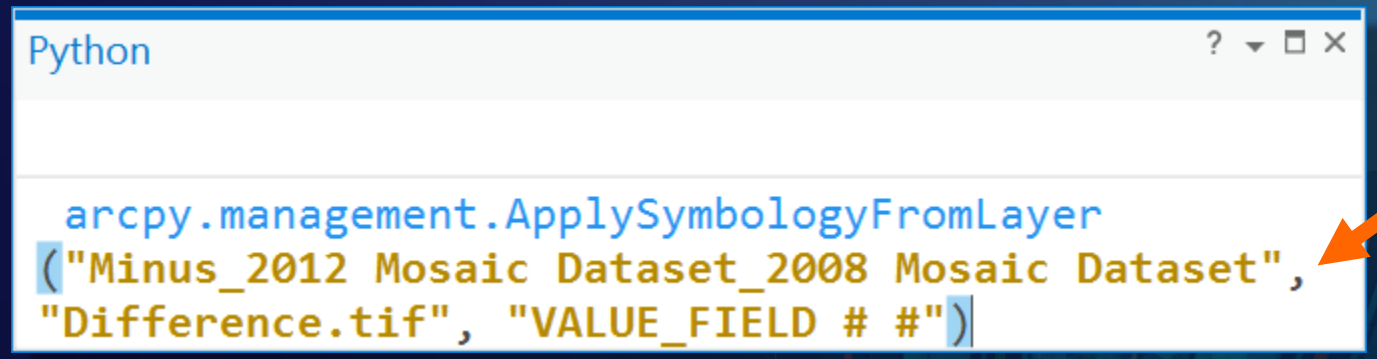
Analysis

- **Customize Analysis Gallery – Add:**
  - **System tools**
  - **Scripts**
  - **Models**
- **Geoprocessing History**
  - **Logs processing**
  - **Drag/drop onto Model Builder**
  - **Right-click Copy Python command Paste into Python window or IDE**



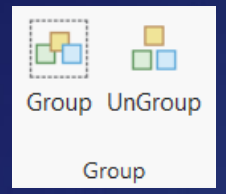




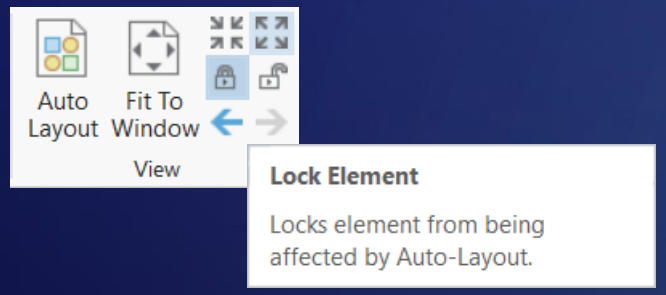


Model Builder – ArcGIS Pro 2.0

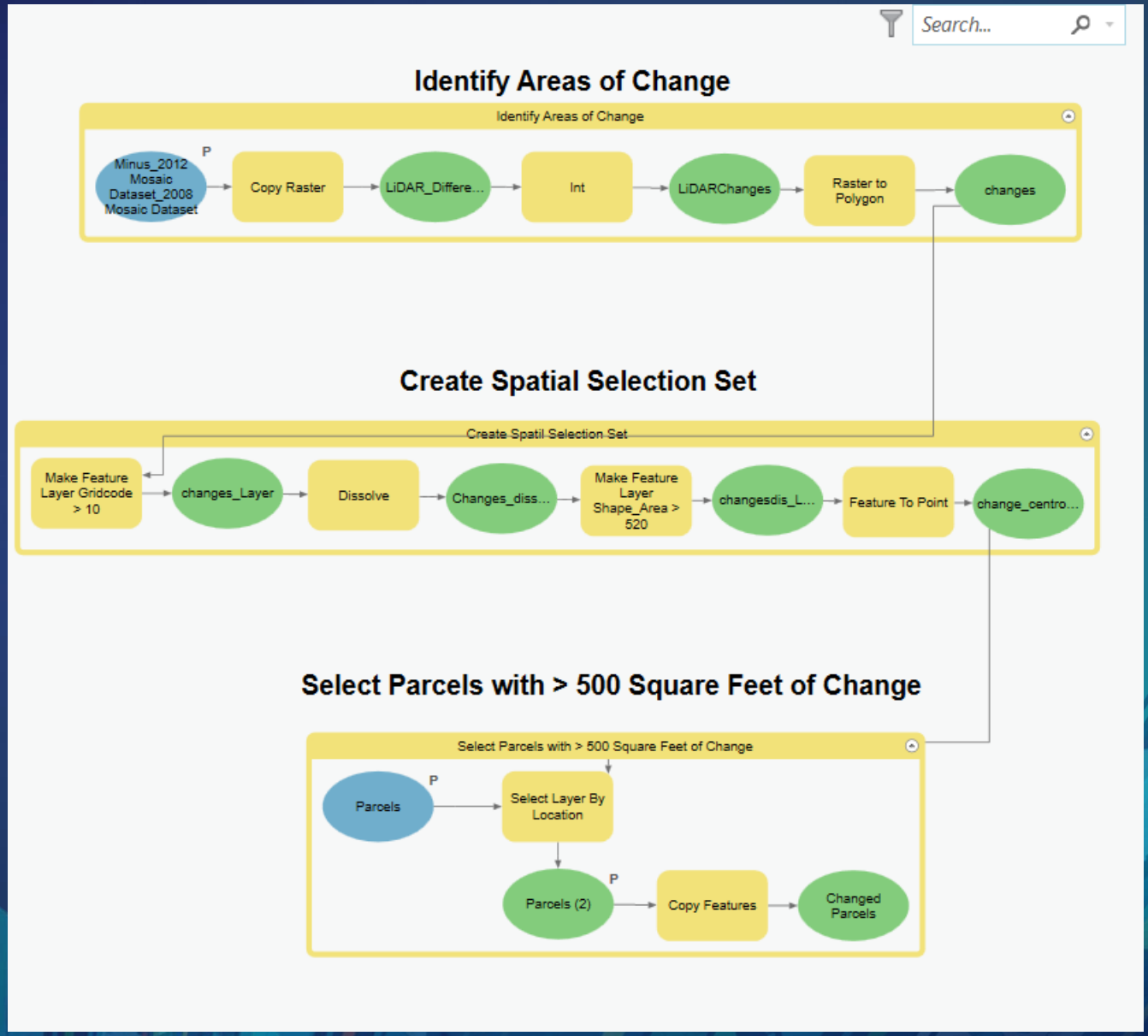
- **Group Elements**



- **Lock Elements**
  - **Ignored by Auto Layout**



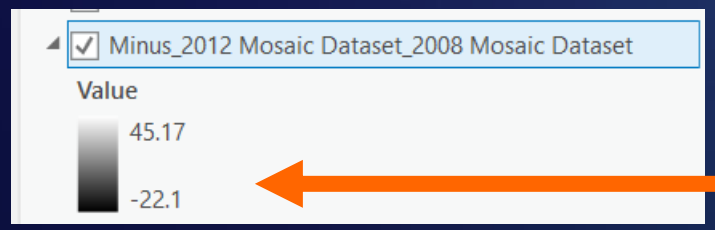
- **Search for Elements in Model**

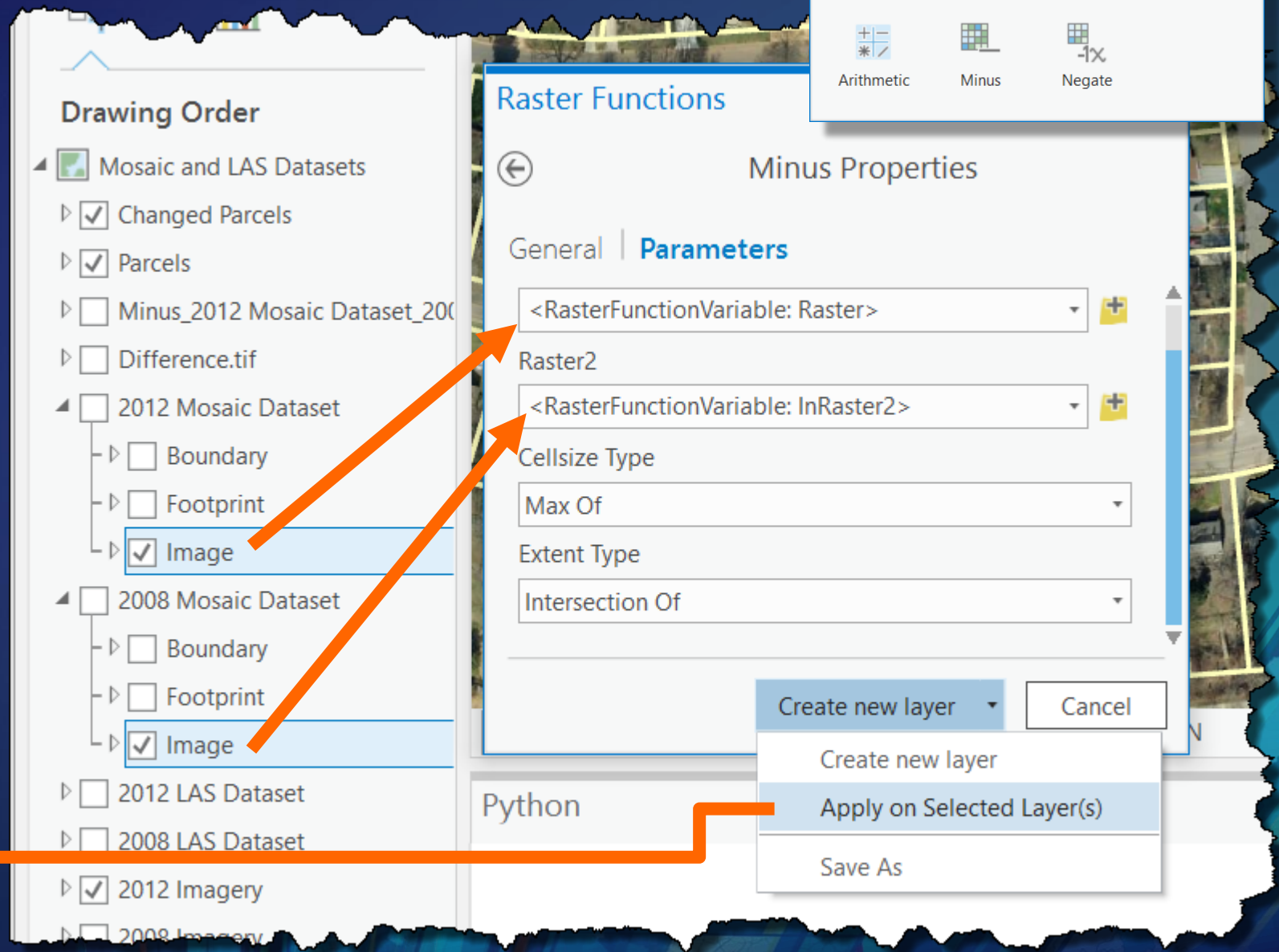


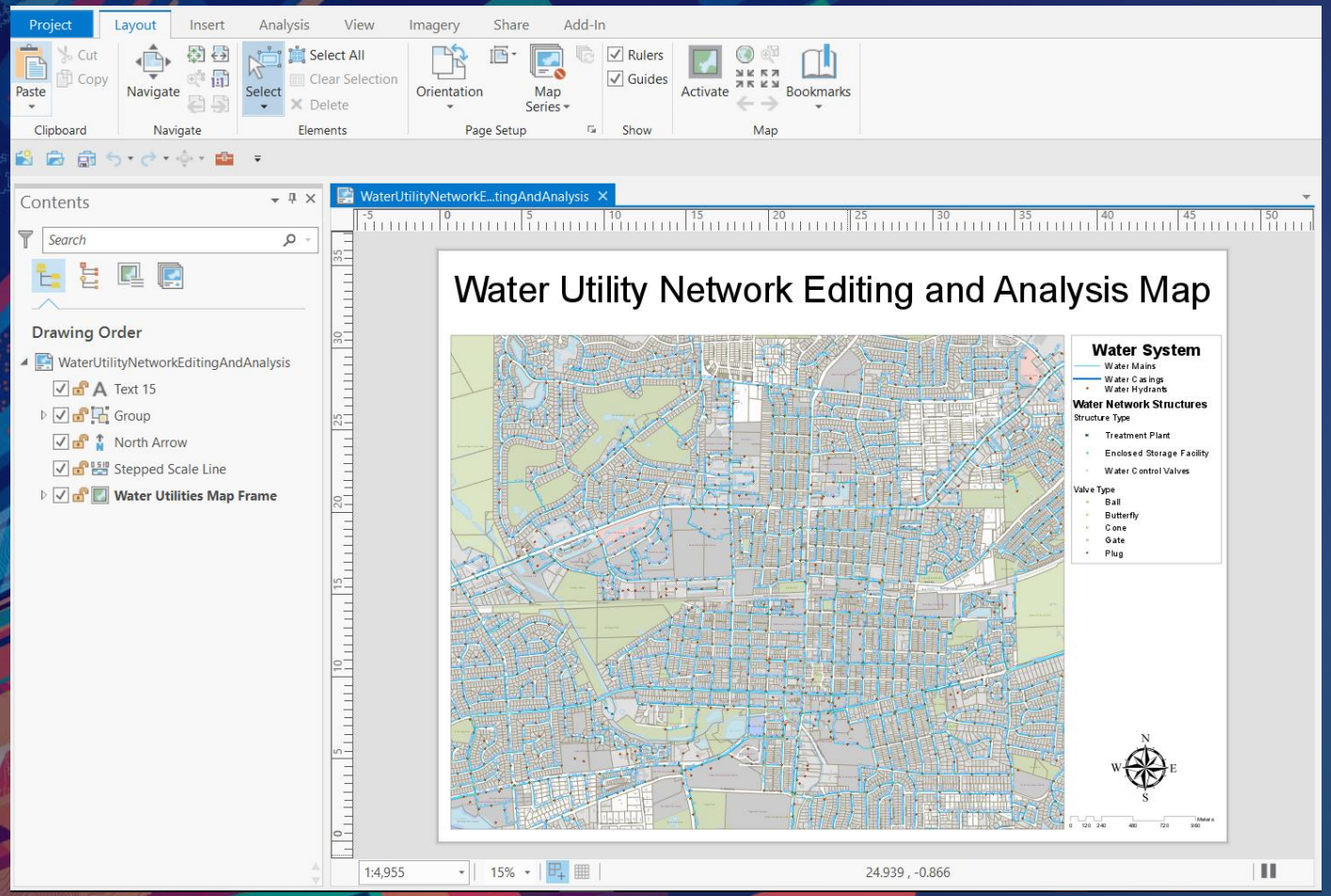
Raster Functions

- Search/Filter

- Select inputs in Contents
- Apply on Selected Layer(s)





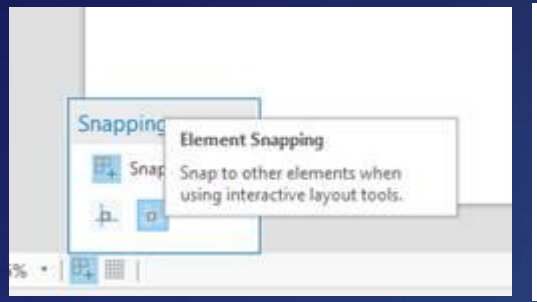


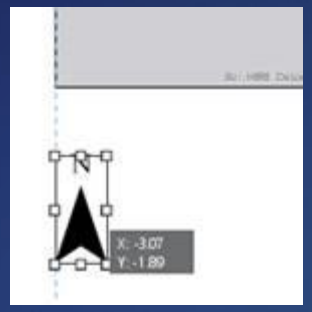
Layout

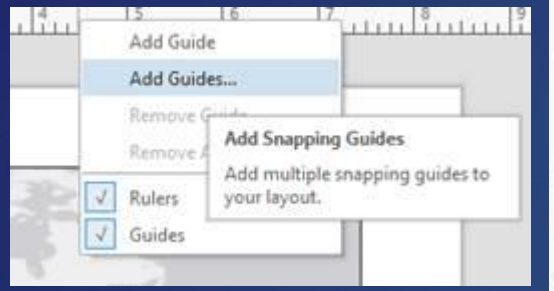
Kory Kramer

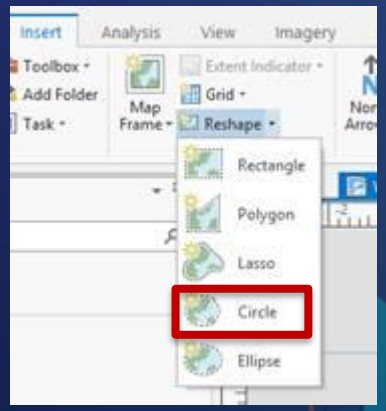
Layouts

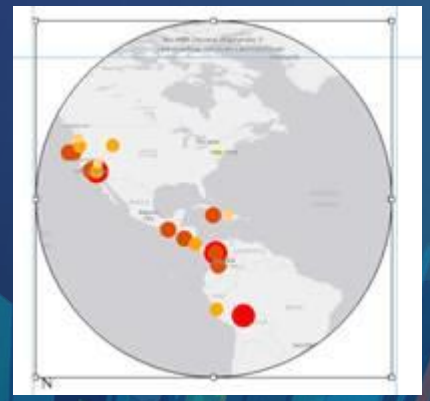
- Element snapping
- Guides
- Reshape map frame
  - Insert tab





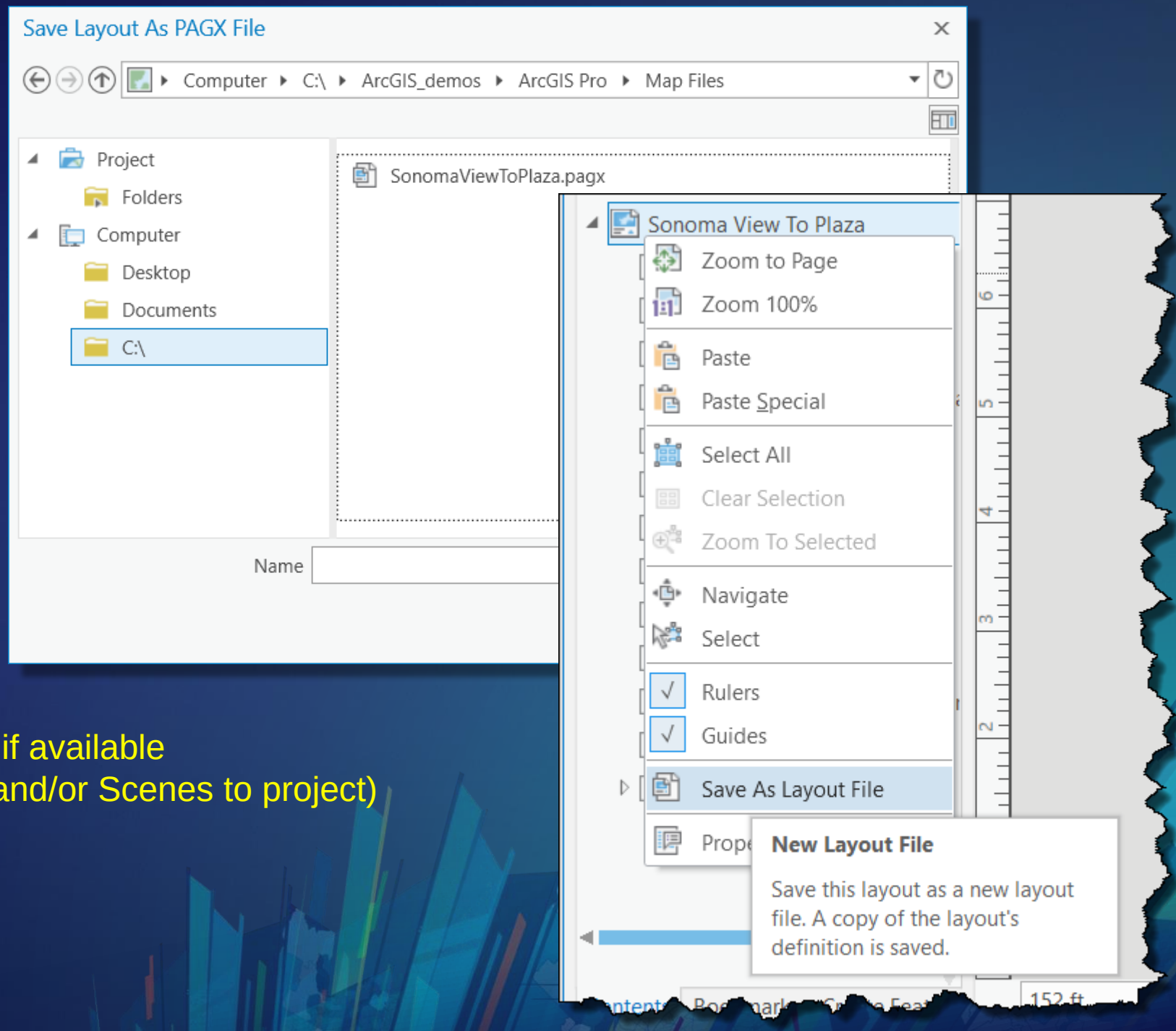




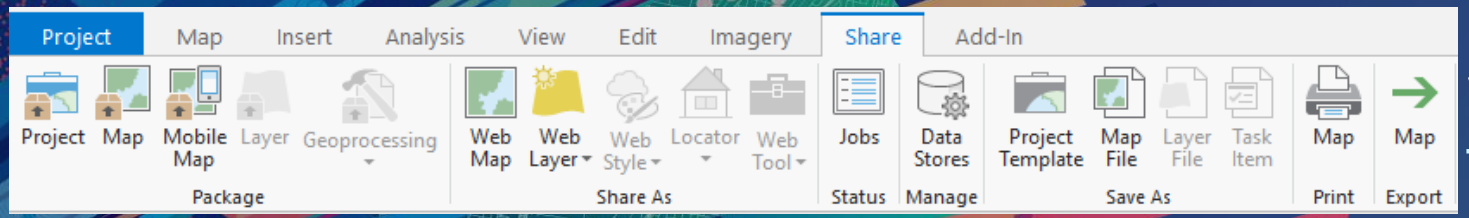


Save Layouts*

- Use in other projects
- Backup
- Share with others*



* References Map Frames if available
(may need to add Maps and/or Scenes to project)



Sharing

Ty Fitzpatrick

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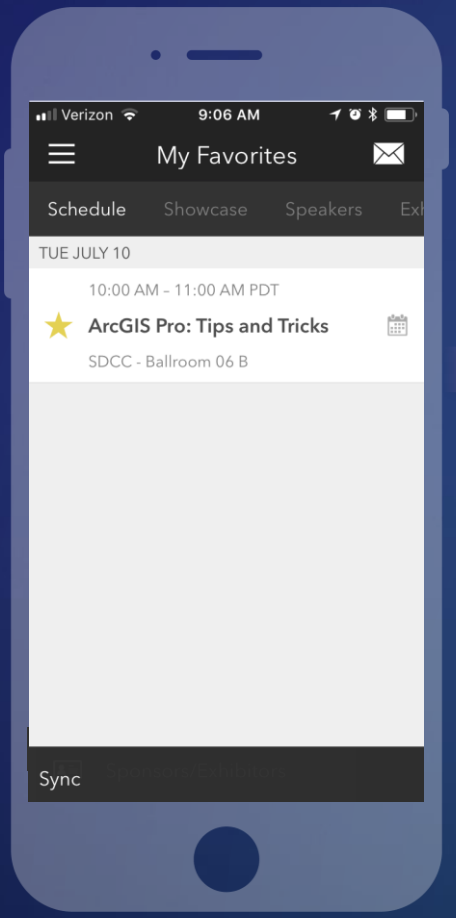
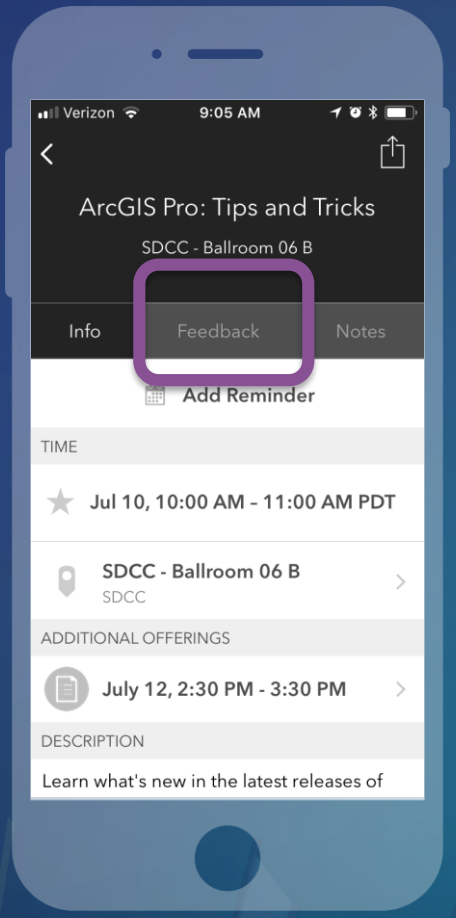
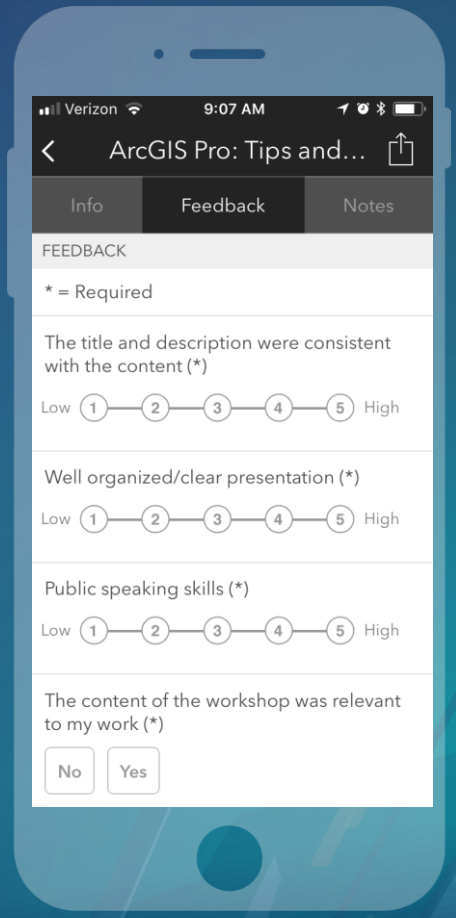


Scroll down to find the feedback section



Complete answers and select “Submit”

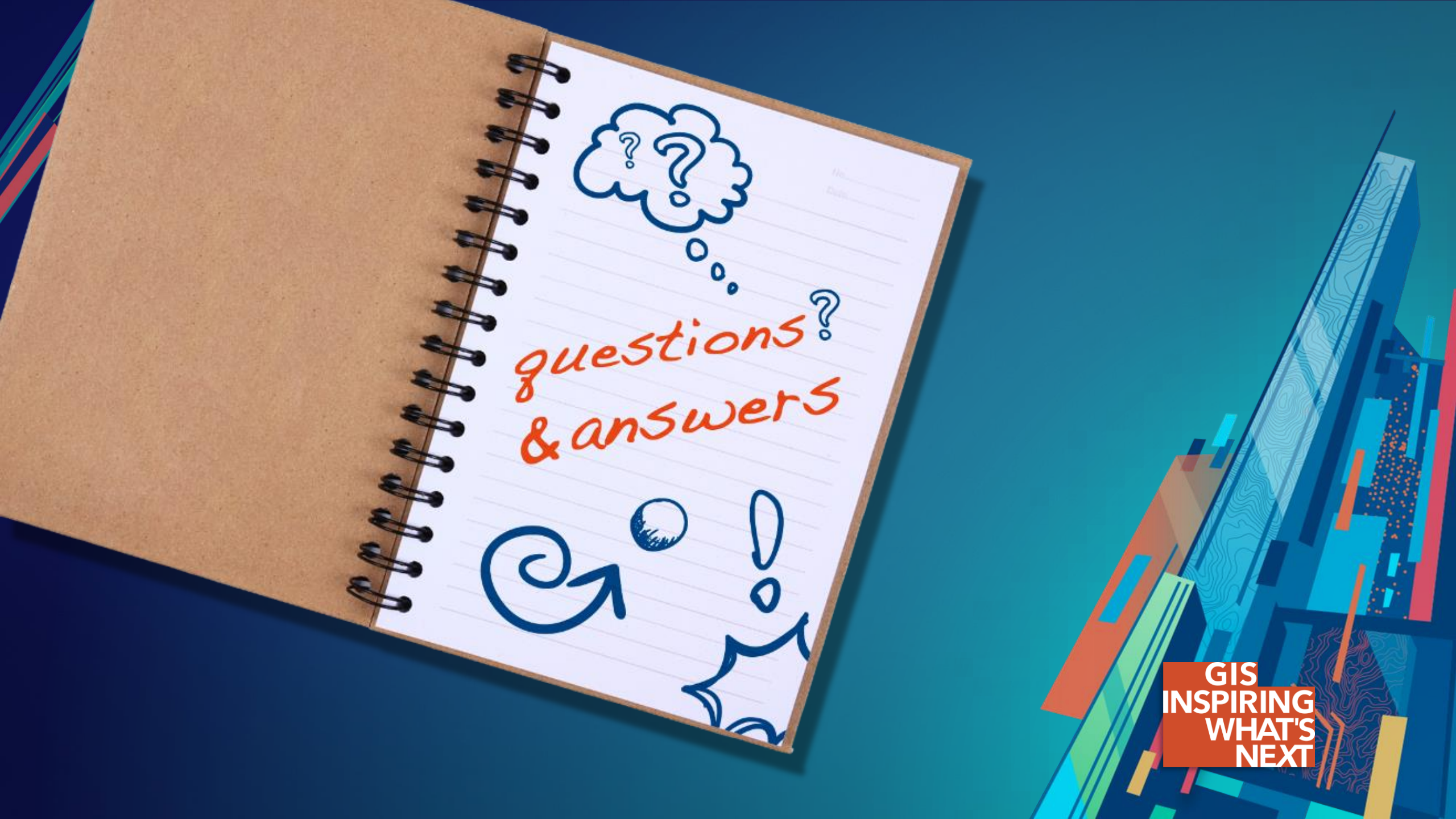


ArcGIS Ideas

- **Visit ideas.arcgis.com to:**
  - **Vote**
  - **Comment**
  - **Submit new ideas**
- **ArcGIS Pro team wants your feedback!**
  - **Regular review**
  - **Your use case matters**
  - **Your ideas can result in new features for everyone**

Put your
Ideas in Motion

Visit the ArcGIS Ideas space on GeoNet


questions?
& answers
GIS
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Learn more about Pro…

WORKSHOP	LOCATION	TIME FRAME
ArcGIS Pro Editing: Tips and Tricks	Room 7 A/B Room 10	Tuesday 1-2pm Wednesday 4-5pm
ArcGIS Pro: 3D Tips and Tricks	Ballroom 06 F Room 32 A/B	Tuesday 1-2pm Wednesday 4-5pm
ModelBuilder: Tips and Tricks	Room 30 C Room 31 C	Wednesday 1-2pm Thursday 8:30-9:30am
Python: ArcPy Tips and Tricks	Room 30 D Room 30 E	Wednesday 8:30-9:30am Thursday 4-5pm
Python: Top 5 Tips and Tricks	Demo Theater 09	Tuesday 2:30-3:15pm
ArcGIS Pro: Tips and Tricks for Working with Tables	Demo Theater 02	Wednesday 11:15am-12pm Wednesday 4-4:45pm
ArcGIS Pro Tips and Tricks: Migrating Editing Workflows	Demo Theater 06	Wednesday 12:15-1pm
Packaging Projects, Maps and Layers	Demo Theater 02	Wednesday 2:30-3:15pm
ArcGIS Pro Tips and Tricks: Map Projections	Demo Theater 16	Wednesday 2:30-3:15pm
ArcGIS Pro: Top 5 Tips and Tricks	Demo Theater 08	Thursday 10-10:45am
ArcGIS Pro Tips and Tricks: Managing Data and Connections	Demo Theater 06	Thursday 12:15-1pm

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