

Nyt fra **ArcGIS Pro**

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ESRI USER CONFERENCE 2025



Ala



Naomi

11224

Agenda

- **Roadmap** | [Ala](#)
- **Nyheder i ArcGIS Pro** | [Ala](#)
 - Migrate to ArcGIS Utility Network
 - Vertices and Nodes (redigering)
 - Portal projects
 - Spatial definition queries
 - Custom pane sets
- **Nyheder i Extensions mm.** | [Naomi](#)
 - Spatial Analyst
 - Image Management and Analysis
 - GeoAI
 - Faster geoprocessing and efficient data management using the memory workspace
 - Anomaly Detection Wizard



ArcGIS® Pro Roadmap

Near-term

- Customize Layer Visibility per Map Frame
- Display Using Map Time Zone
- Convert KML with attributes
- OneDrive Integration
- Timeline View
- ArcGIS Pro Assistant (beta)
- Reading Alignments from IFC
- Suitability Modeler: Comparison
- Roof Editing in Stereo
- Edit Templates in the Database
- Point Cloud Scene Layer Data Management
- Telecom Domain for Circuit Management
- Gaussian Splat Layer
- Assess Sensitivity to Aggregation Scale
- Prepare Data for Predictions
- Oriented Imagery: Inspection Workflow

Mid-term

- Layer & Feature Effects
- Dispersed Points Visualization
- Support for Attribute Editing Forms
- Plume Simulation
- Materials Authoring
- Mesh Segmentation Models
- Oriented Imagery: Live Video Superposition and AI Integration

Long-term

- Share ArcGIS Pro Model
- Street Name Index for Layouts
- Terrain Editing
- High Fidelity Rendering
- 3D Mesh as Ground
- Integrated Mesh Scene Layer Data Management
- Cloud Drive Support
- Infrastructure-less IPS

Migrate to ArcGIS Utility Network

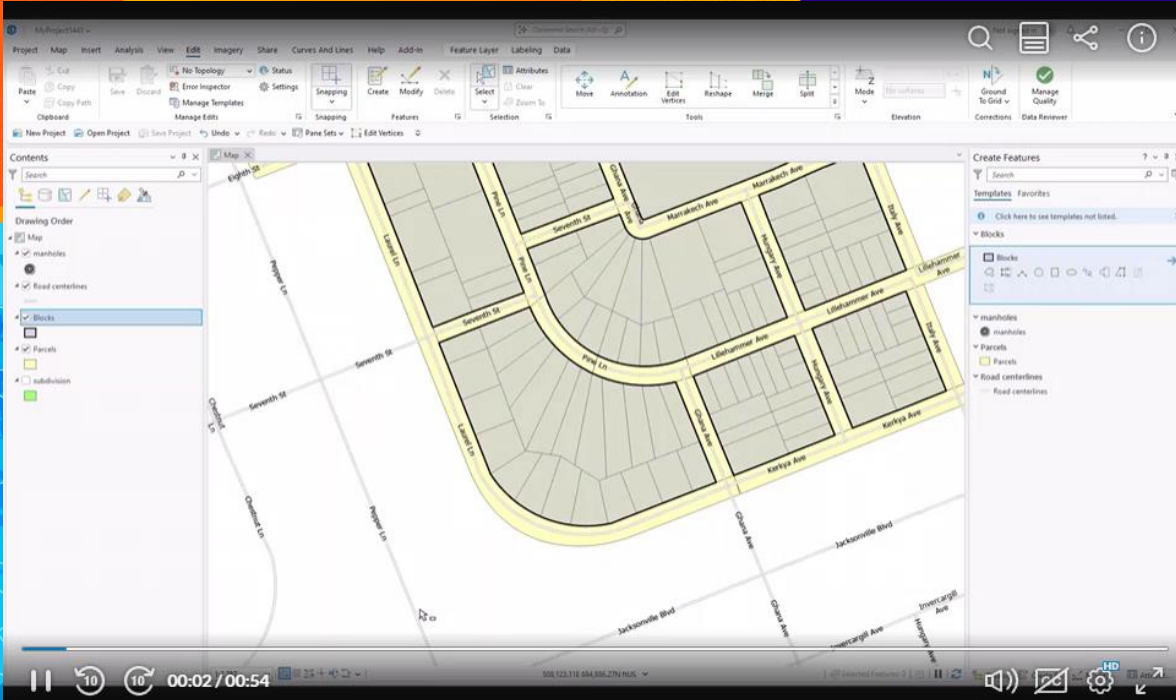
Hurtige løsning til dig, der bare har basal forsyningsnetværk behov

Vertices and Nodes

Ny funktion til at sikre kvalitet i redigering

Demo: Vertices & Nodes

Ala



Portal projects

Spatial definition queries

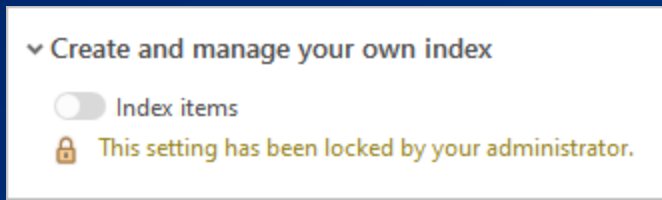
Custom pane sets

Demo



Admin deployment settings

- Pro.settingsConfig



- Examples:

- Default GDB-, Folder-, Portal connections
- Default basemaps, spatial references
- Require explicit start editing & warn on delete
- Default Report-, Layout template paths
- Local help / online help

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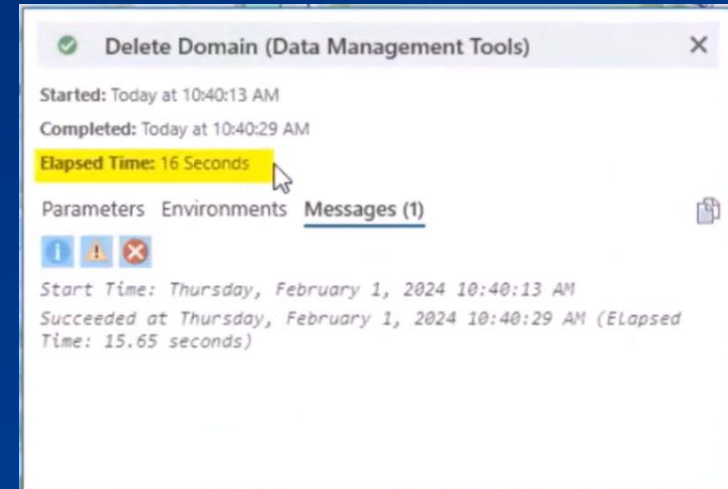
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</ArcGISProSettings>
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Application settings
Project settings
Versioning settings
Map and Scene settings
Catalog settings
Navigation settings
Selection settings
Editing settings
Geoprocessing settings
Display settings
Text and Graphics settings
Color Management settings
Table settings
Report settings
Layout settings
Share and Download settings
Authentication settings
Geodatabase Replication settings

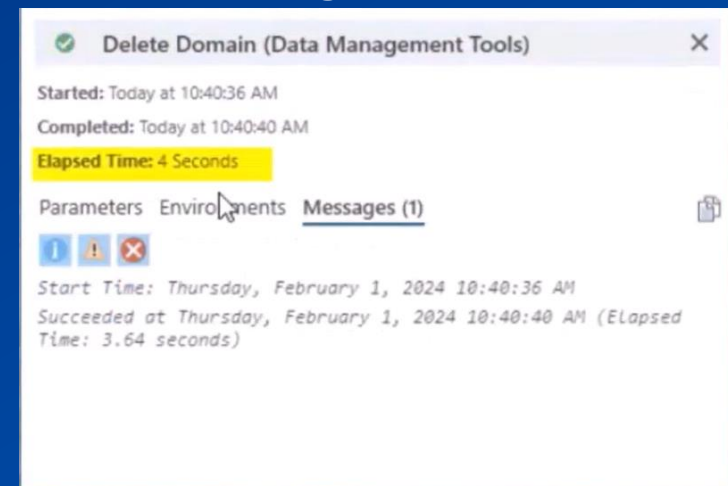
Performance

“The geoprocessing framework uses workspace caching to improve performance when running scripts or repeated processes.”

Første kørsel



Efterfølgende kørsel



Functionality deprecation

- ArcGIS no longer supports Microsoft SQL Server 2016 or PostgreSQL 12.x.
- ArcGIS Pro 3.3 and ArcGIS Enterprise 11.3 are the last releases to support Microsoft SQL Server 2017.
- Workflow Manager (Classic) retires in ArcGIS Pro 3.4 and the Workflow Manager (Classic) toolbox will be deprecated.

ArcGIS Ideas

- 70 user Ideas i 3.3
- 300+ user Ideas siden 3.0

Indsend dine ideer her:



<https://community.esri.com/t5/arcgis-pro-ideas/idb-p/arcgis-pro-ideas>

[Home](#) > [ArcGIS Ideas](#) > [ArcGIS Ideas Blog](#) > Your Ideas in ArcGIS Pro 3.3

Your Ideas in ArcGIS Pro 3.3

3980 5 05-10-2024 07:38 AM



by [KoryKramer](#) [esri](#)
Esri Community Moderator

Post Options ▾

It's that time again when we have the privilege of sharing your ideas that were implemented in the latest release of ArcGIS Pro. ArcGIS Pro 3.3 includes more than 70 user ideas totaling more than 1,600 kudos.

This video covers some of the most popular. Continue below to see the full list of what you can expect when you update to ArcGIS Pro 3.3.



<https://community.esri.com/t5/arcgis-ideas-blog/your-ideas-in-arcgis-pro-3-3/ba-p/1413283>

Roadmap

ArcGIS® Pro Roadmap

Near-term

- Edit Templates in the Database
- Layer & Feature Effects
- Spatial Filters for Feature Layers
- Connect to NoSQL Databases
- Share Web Layers from NoSQL Databases
- Portal Projects for ArcGIS Pro
- Unified Metadata Editor
- Set Named User License Checkout Time
- Version-specific Patch Notifications
- Parcel Fabric Traverse from Deed
- Trend Analysis
- Sensitivity analysis to uncertainty in spatial pattern analysis
- Suitability Modeler: Comparison
- Floor Plan Features from Point Clouds
- IPS Configuration

Mid-term

- AI Assistants
- Street Name Index for Layouts
- Timeline View
- Point Cloud Scene Layer Data Management
- Roof Editing in Stereo
- Materials Authoring
- Oriented Imagery – Inspection Workflow and AI Integration
- Mesh Segmentation Models
- Reading Alignments from IFC
- Residential Waste Collection Solver
- Offline Map Areas
- Aviation Terminal Charts
- IPS Emulator

Long-term

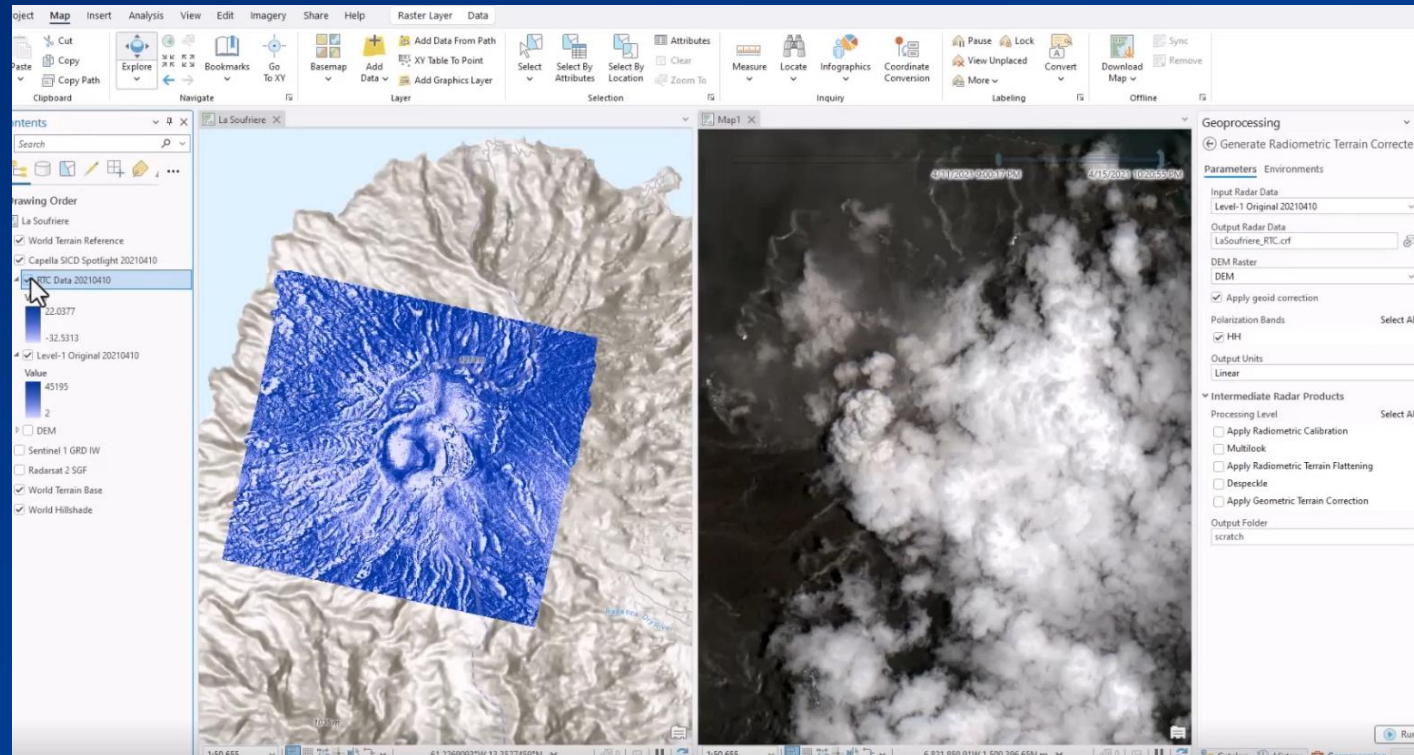
- Share ArcGIS Pro Model
- Terrain Editing
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- 3D Mesh as Ground
- Integrated Mesh Scene Layer Data Management
- Cloud Drive Support
- Oriented Imagery – Live Video Superposition
- Infrastructure-less IPS

What's new in Spatial Analyst 3.5

- Segmentation and Classification analysis
 - Create Accuracy Assessment Points tool
- Suitability Modeler
 - Assign Weights by Pairwise Comparison
- Data conversion
 - Raster to Polygon tool

What's new in Image Analyst

- Advanced Imagery Analysis Capabilities
 - Hyperspectral Analysis & Anomaly Detection Wizard
 - Synthetic Aperture Radar (SAR)

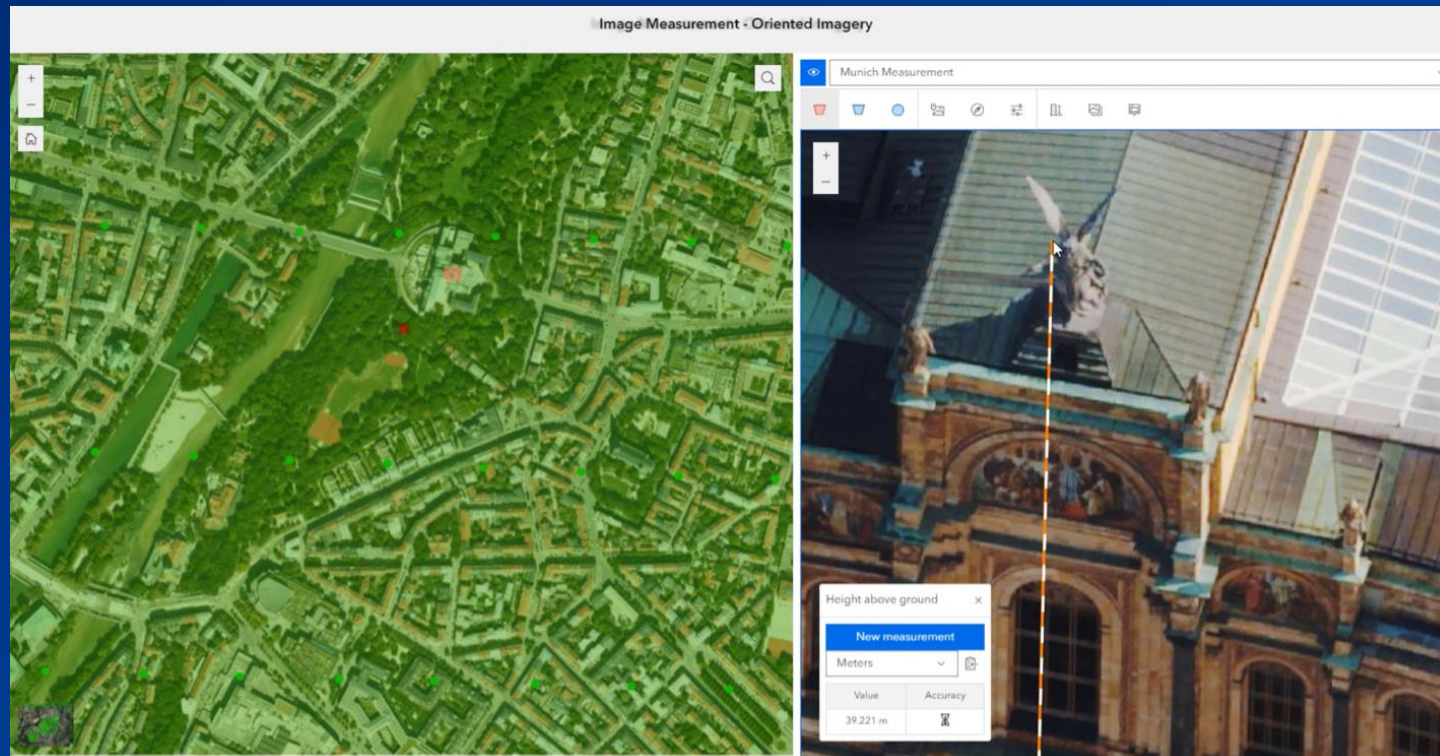


ArcGIS Image Analyst Extension

- Newly Supported Satellite and Aerial Sensors in ArcGIS
 - *Detailed hyperspectral imagery with Hyperion*
 - *Maxar WorldView Legion imagery support*
 - *THEOS-2 imagery integration*
 - *Vexcel Ultracam M3 aerial imagery support*
- Enhanced Support for Motion Imagery
 - *Support for video file formats (.av1, .m2ts, .wmv)*
 - *Improved PowerPoint templates and video multiplexer flexibility*
- Support for New Input Devices
 - *Support for Stealth-V Type mouse*

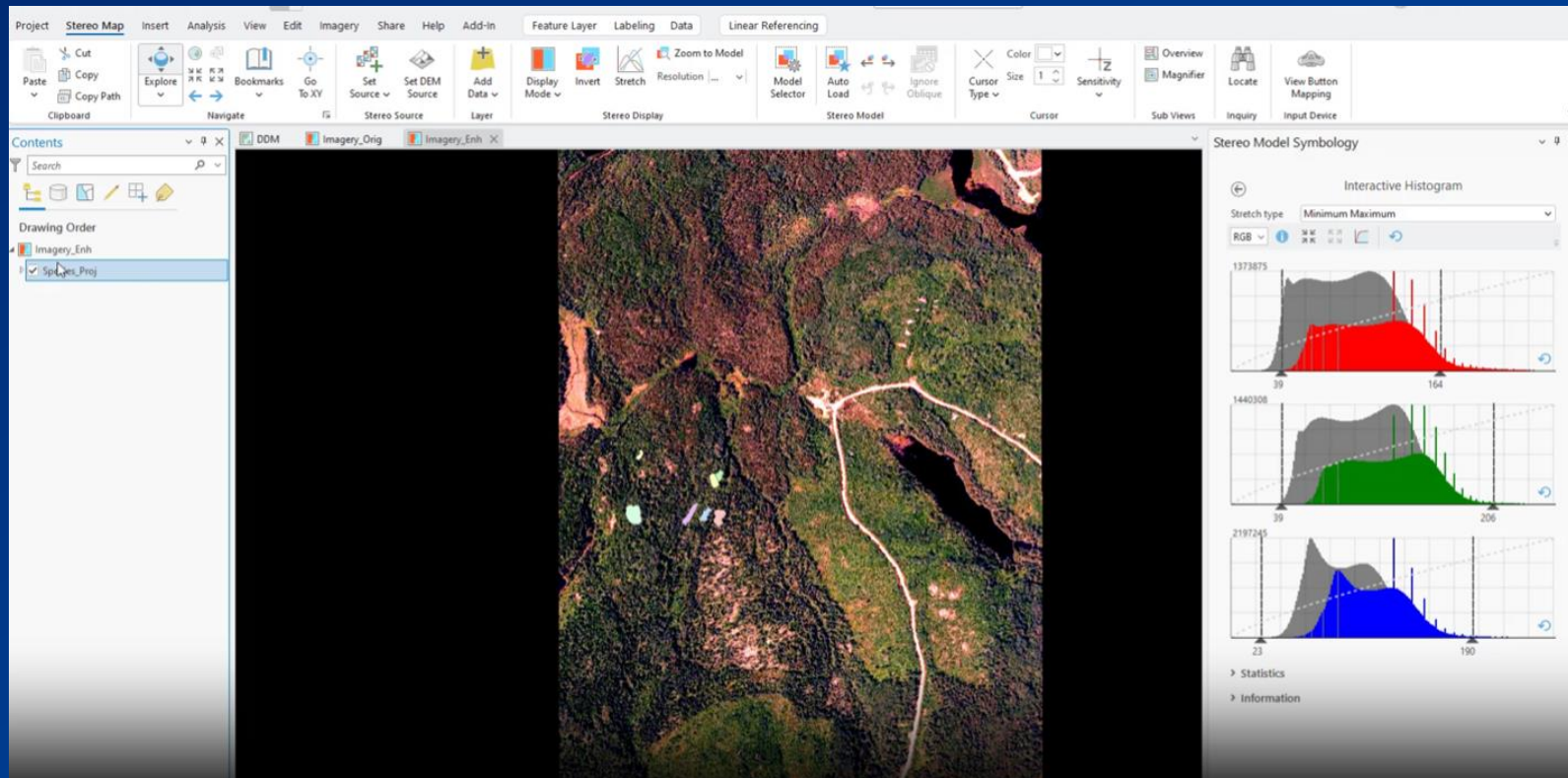
ArcGIS Image Analyst Extension

- Enhanced Visualization in Oriented Imagery
 - *Overlay GIS features in Oriented Imagery layers*



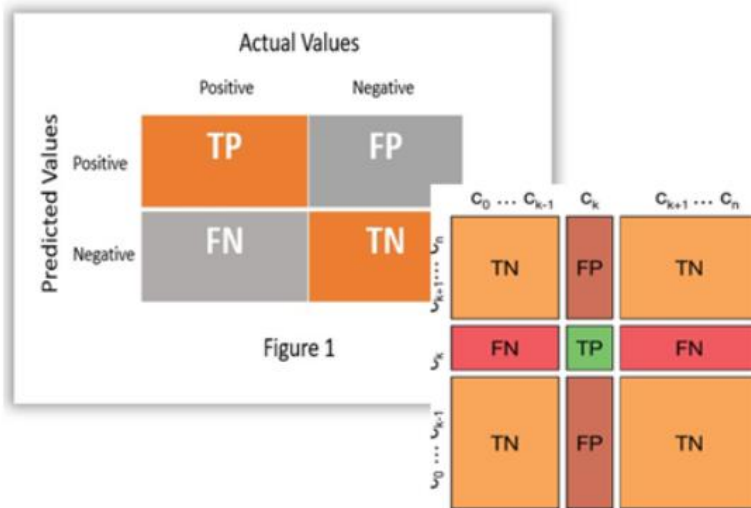
ArcGIS Image Analyst Extension

- *Better feature visualization with Stereo imagery*
- *Improved raster performance in Stereo Map*



ArcGIS Image Analyst - GeoAI

- Explain object classification results better (Grad-CAM)
- Assess pixel classification accuracy



Geoprocessing

← Compute Accuracy For Pixel Classificat... +

Parameters Environments ?

* Input Raster

* Ground Truth Data

* Output Confusion Matrix

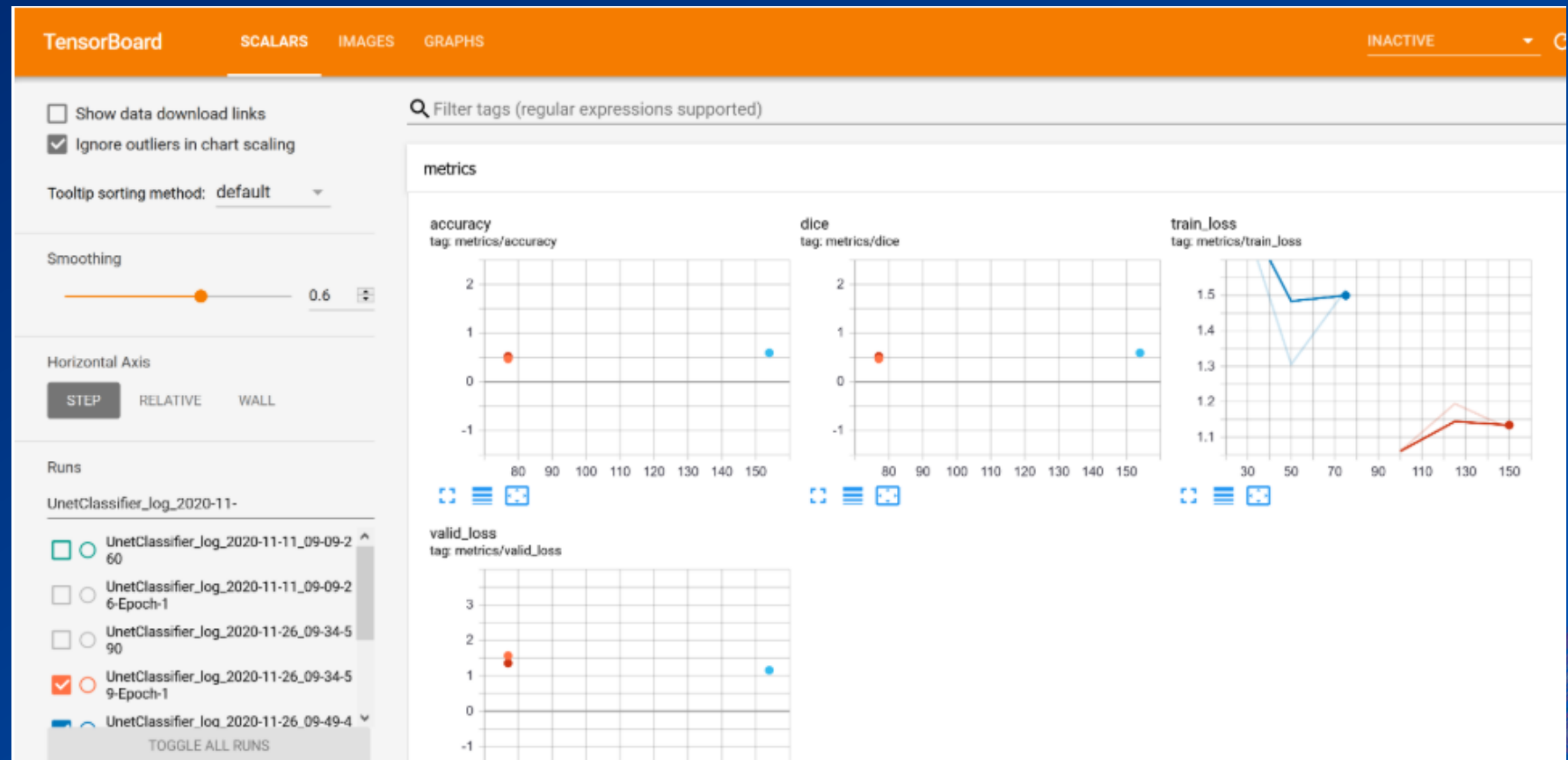
Number of Random Points

Sampling Strategy

Minimum Point Distance

ArcGIS Image Analyst - GeoAI

- Monitor the model training process using TensorBoard



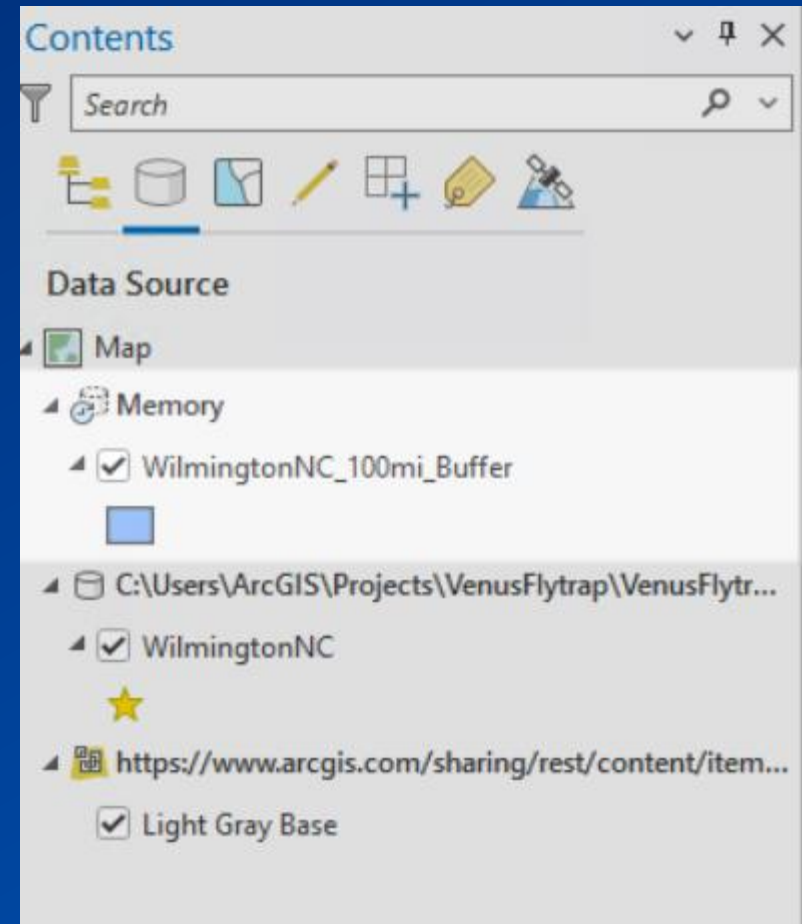
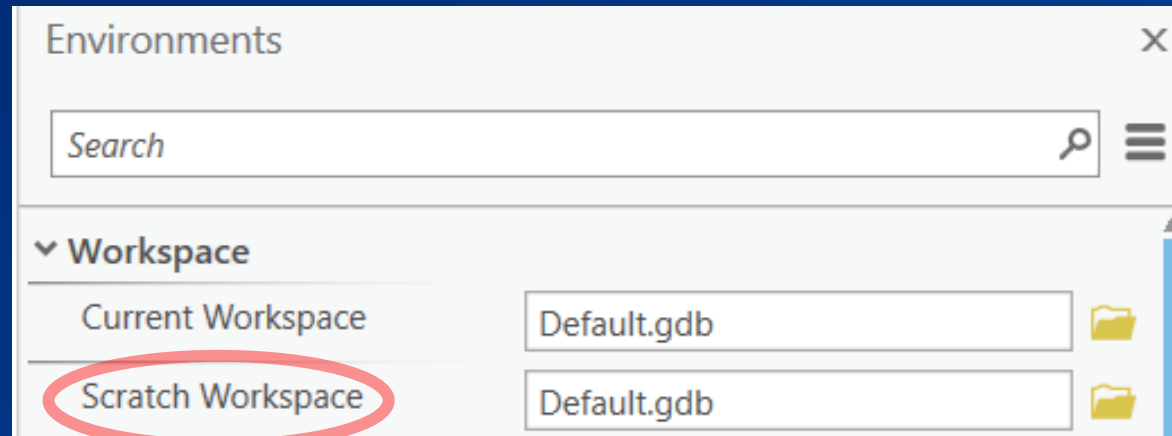
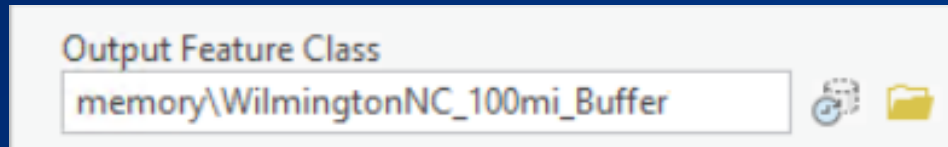
Demo

Anomaly Detection Wizard



Efficient data management with memory workspace

- New in 3.5: memory workspace button on output parameters



Additional extension improvements

- **Your ArcGIS Pro Update (May 2025)**

- Network Analyst
- 3D Analyst
- Data Reviewer
- ArcGIS Aviation
- ArcGIS IPS
- ArcGIS Bathymetry

Q&A



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