



Managing your Airport Data using ArcGIS Pro

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ESRI USER CONFERENCE

GIS
INSPIRING
WHAT'S
NEXT

Aviation Industry Challenges



Key Workflows



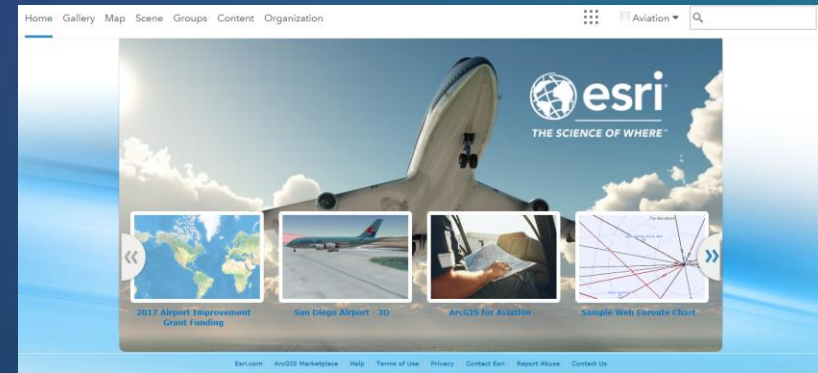
Data Quality



Obstacle Management



Signage and Markings



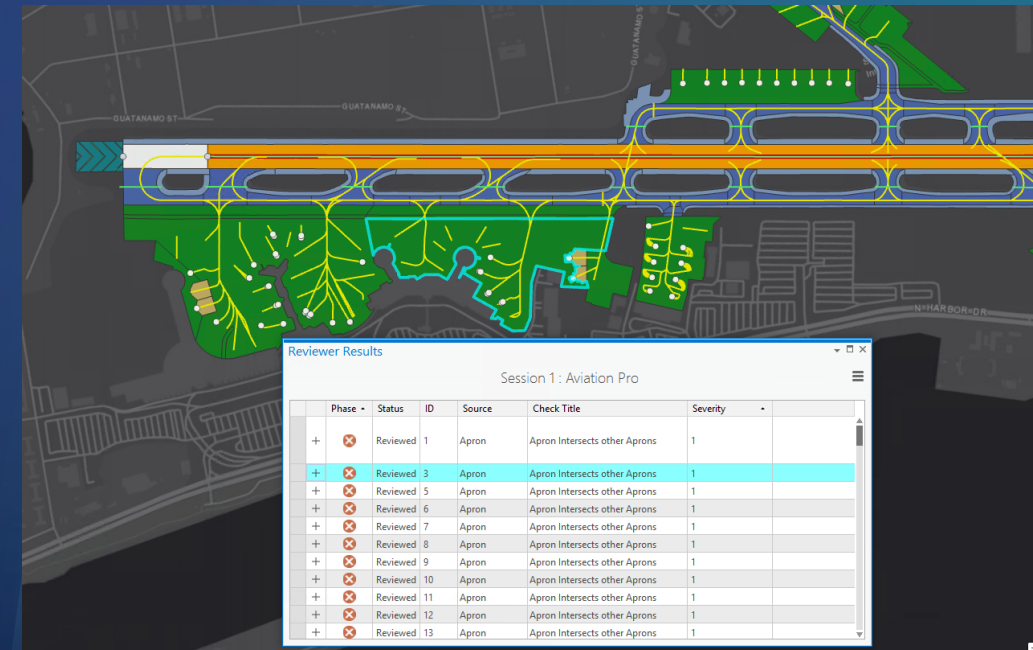
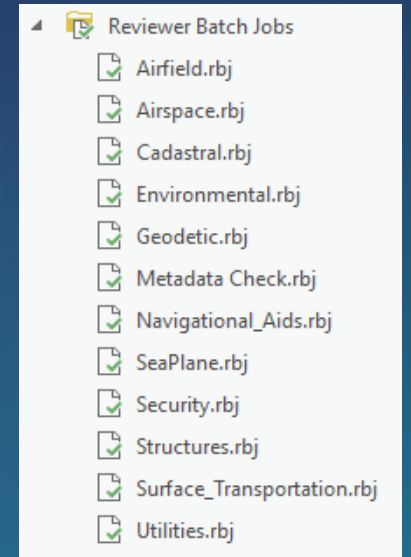
Sharing

Data Quality



Improve Data Quality and Standards Compliance

- Automated tools for data QC
 - Multiple operating modes - efficient!
- Preconfigured and Customizable
 - 950+ Standards based data checks
 - Industry best practices
 - Support regulatory requirements
- Document QC review processes
 - Data accountability and audit traceability
- Report quality information



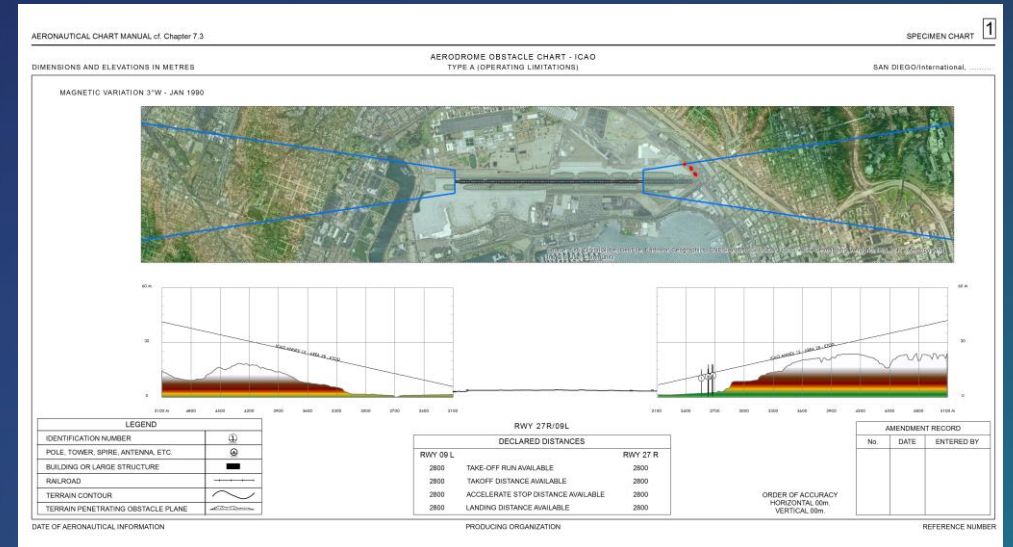
Obstacle Management

The image features a dark teal background with a white title 'Obstacle Management' centered on the left. The right side is decorated with abstract, colorful geometric shapes in shades of orange, yellow, and light green, set against a lighter teal backdrop with faint grid lines and a map-like pattern.

Perform Complex Analysis and Visualization

- Aviation Tools
 - Airports
 - Analysis
 - Analyze Runway Obstacles
 - Generate OIS Obstacle Data
 - Generate OIS Profile Data
 - Obstruction Identification Surfaces
 - Create Curved Approach
 - FAA 13A
 - FAA 18B
 - FAA FAR 77
 - ICAO Annex 14
 - ICAO Annex 15
 - Unified Facilities Criteria

OIS tools support
FAA , ICAO, and UFC



Generate 3D surfaces to
analyze nearby terrain
and obstacles using
ArcGIS Pro



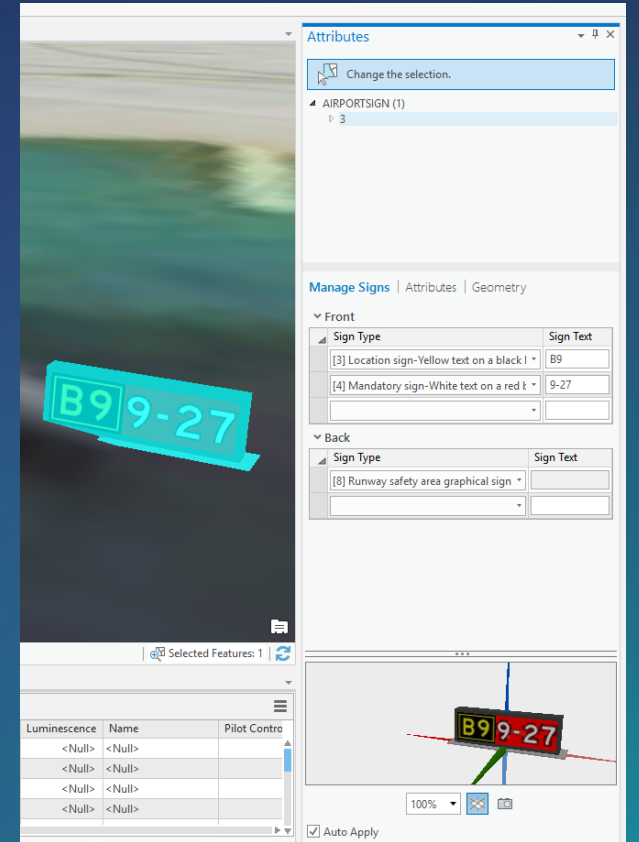
Create accurate
information products
efficiently

Airport Signage and Markings

The image features a dark teal background with a white title 'Airport Signage and Markings' centered horizontally. The design is enhanced with abstract geometric elements: a cluster of overlapping lines in shades of teal and red in the top-left corner; a faint, light-colored grid pattern in the bottom-right quadrant; and several thick, diagonal bars in orange, yellow, and light green in the bottom-right corner. The overall aesthetic is modern and technical.

Automate Collection, Management & Visualization

- Simple and intuitive toolset
 - What you see is what you get
- Supports signage and marking requirements
- Preconfigured marking plan template
- Ready to use airport signage symbology

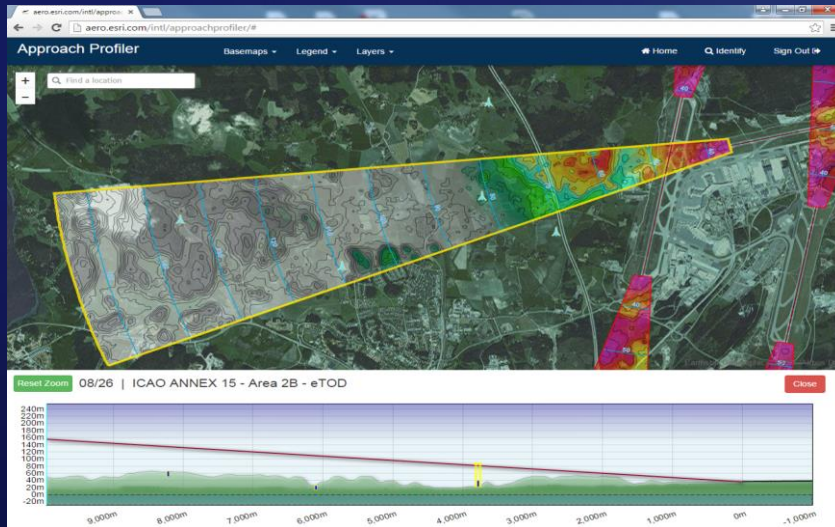




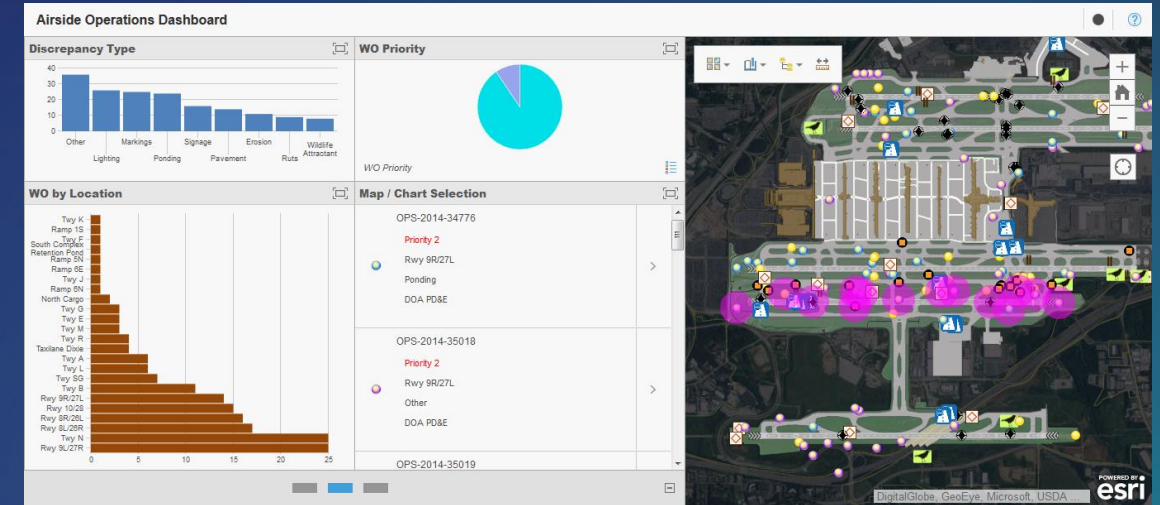
Sharing

Leverage the Platform

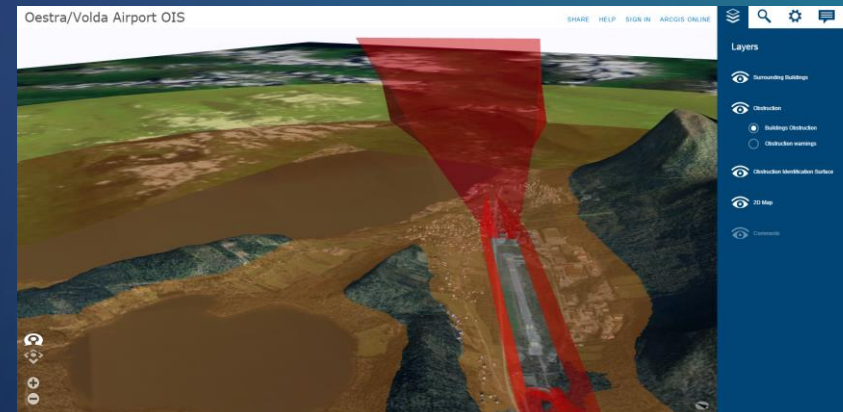
Perform real time analysis



Gain insight into operational activities



Share your analysis and visualization in 3D on the web





Demo

See Us Here

EVENT	LOCATION	TIME FRAME
<ul style="list-style-type: none">• Aviation Special Interest Group (SIG)• Showcase	<ul style="list-style-type: none">• SDCC-Room 12• Mapping & Visualization Island• Mapping & Statistics Island	<ul style="list-style-type: none">• 7/12 11:30am - 12:30pm• 7/10 - 7/12 9:00am-6:00pm



HALL C

HALL B

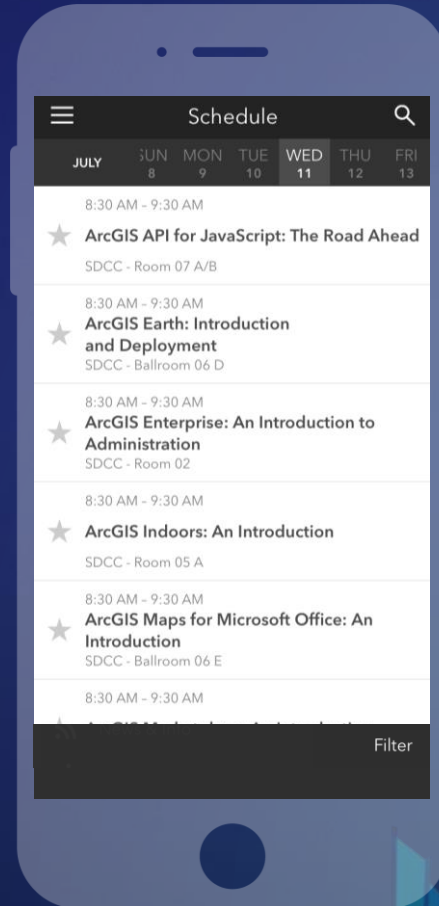
HALL A

Please Take Our Survey on the App

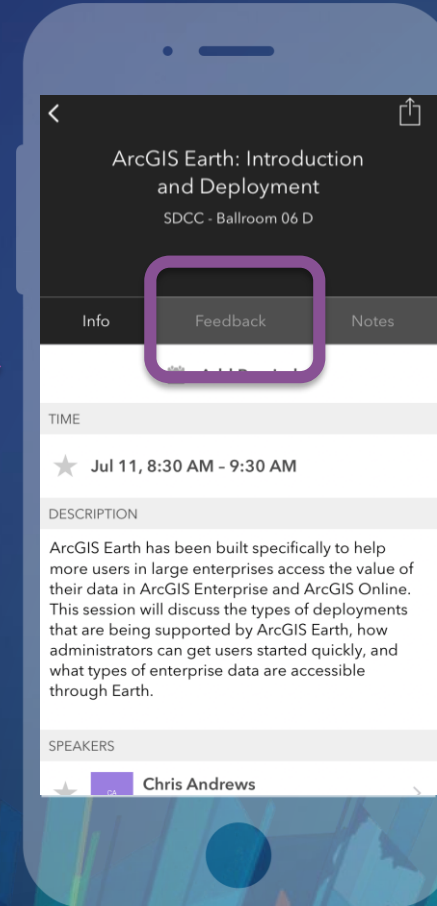
Download the Esri Events app and find your event



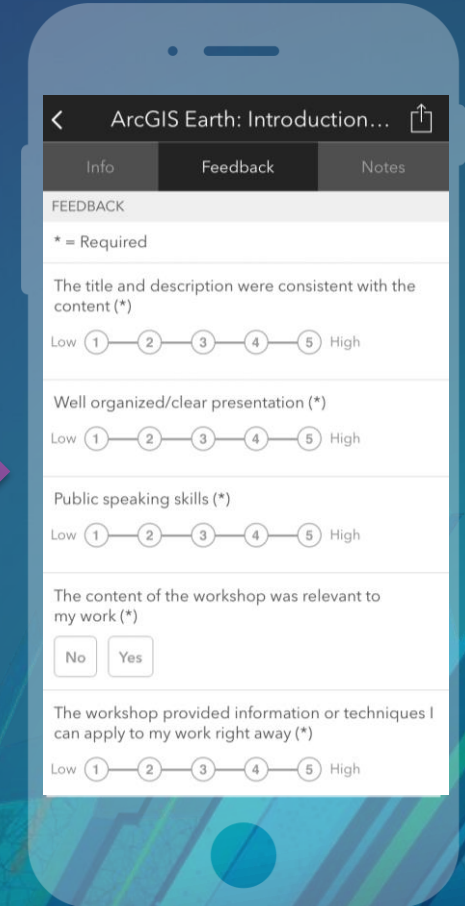
Select the session you attended



Scroll down to find the feedback section



Complete answers and select "Submit"





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