Esri News for AEC

Esri News for AEC—June 2023

Hi,

Welcome to the June 2023 issue of the *Esri News for AEC* newsletter. Here you can find information and links to relevant webinars, articles, blogs, and more. Happy reading!

Subscribe to AEC News

Esri User Conference

Attend the architecture, engineering, and construction (AEC) kickoff session on Tuesday, July 11, at 8:30 a.m., and learn about the activities focused on the AEC industry that will be happening during the Esri User Conference (Esri UC). Learn how ArcGIS is being used to address industry challenges, with demonstrations of the latest Esri technology applied to planning, designing, constructing, and operating project in built and natural environments.

To help you find your way to the AEC sessions and activities, we have prepared a focused agenda.

Explore the Flyer

Esri Infrastructure Management & GIS Conference

The deadline for presentations has been extended—this is your last call to submit an abstract for the 2023 Esri Infrastructure Management & GIS Conference (Esri IMGIS). Submit an abstract for a 20-minute presentation by July 21 for the chance to earn your team some recognition.

Submit an Abstract

AEC Community Webinar

GIS for Environmental Management

In this webinar, WSB provides a deep dive into the SWAMP and DataIt apps, including the company's use of Esri's ArcGIS system to deliver a powerful set of features and functionality. You'll also learn how leading organizations are using these apps to manage environmental risks and achieve compliance.

StoryMaps

GIS for Construction

This StoryMaps story illustrates how GIS can complement construction workflows and briefly highlights how integration between Autodesk Civil 3D [per https://www.autodesk.com] and field maps can improve field workflows.

View the StoryMap

Ebooks

Three Ways GIS Can Boost the Bottom Line for AEC Teams

Explore how GIS integrates with building information modeling to provide a complete picture of a project.

Learn More

How Drone Mapping Provides Unprecedented Awareness

This is an ebook for end-to-end 3D drone mapping.

Read More

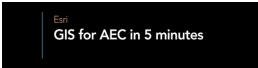## Blogs

- Supporting Jobsite Safety with Location Intelligence →
- Synchronizing Construction Schedules to ArcGIS Enterprise and ArcGIS Online →
- From Desk to Field in 5 Easy Steps with Field Maps Designer →
- Loading IFC Files into the ArcGIS Indoors Model →
- A Digital Twin of Ports and Channels Helps Army Corps Maintain US Waterways →
- Digital Twin Boosts Growth, Sustainability Planning in Maryland County →
- A Network Digital Twin Helps Brazil Utility Expand Renewable Energy →
- Mapping Out a Sustainable, Digital Future Based on Location →
- Use ArcGIS Arcade to Step Out of the Static Environmental Callout Box and Into Dynamic Results →

Webinars

Webinar Recordings

- Advancing AEC Industry through Digital Twins—This webinar discussed the unique capabilities of GIS as a foundation for implementing digital twins in the AEC industry.
- BIM & GIS: Design, Deliver and Manage Resilient Infrastructure with Cloud Collaboration—Watch the recording of this webinar, hosted by Autodesk and Esri on June 6.
- Digital Twin Approaches and Strategies for Urban Planning—Discover how digital twins have evolved into practical realities, empowering planners to simulate urban environments, optimize resource utilization, identify sustainable development opportunities, promote transparency, and create smart communities.
- What's New and What's Next in ArcGIS Drone2Map—Hear from the ArcGIS Drone2Map product team about new capabilities and enhancements available in Drone2Map in 2023.
- 2023 Airport Webinar Series—This webinar series was designed to bring together the community of Esri subject matter experts, airport users, and airport users to discuss GIS trends, learn how to apply GIS in new ways, and get an overview of new technical capabilities.

GIS for AEC in 5 minutes

GIS for AEC in 5 Minutes

New episodes in the GIS for AEC in 5 Minutes series have been released:

- Episode 5: Point Cloud Extraction
- Episode 6: Working with GIS and BIM
- Episode 7: Reality Mapping with Drones
- Episode 8: Construction Scheduling Integration with GIS

Watch Now

Videos

- Balancing Growth and Sustainability with ArcGIS CityEngine — See how Ramboll, one of the world's top AEC consultants, uses GIS to ensure that its clients' developments meet sustainability certification requirements. Watch Now →
- GIS Amplifies the Value of BIM—Marc Goldman, director of AEC industry solutions at Esri, presented an update on Esri's progress implementing Industry Foundation Classes (IFC) support in ArcGIS.

Massive Open Online Course

Spatial Data Science: The New Frontier in Analytics—Spatial data science allows analysts to extract deeper insight from data using a comprehensive set of analytical methods and spatial algorithms, including machine learning and deep learning techniques. This online course explores how to use location to find patterns and tackle complex problems.

Register Now

Podcasts

- **BimTube**—Unlocking Geospatial Value. Listen Now →
- **Industrial Talk**—The Benefits of BIM, GIS, Digital Twin on the Building Industry. Listen Now →
- **AECCafe**—An Interview with Goldman. Listen Now →
- **The Geoholics**—An Interview with Goldman at Geo Week 2023. Listen Now →
- **buildingSMART International**—Goldman discusses his election to the buildingSMART International Infrastructure Domain Steering Committee and how BIM and GIS standards are going to reshape the future of the building and infrastructure industry. Listen Now →

Partner's Corner

- **Autodesk**—In this recording of the webinar *BIM & GIS: Design, Deliver and Manage Resilient Infrastructure with Cloud Collaboration*, learn how working with BIM and GIS in the cloud helps project teams plan, design, and maintain infrastructure assets with operational efficiency. Watch Now →
- **Housal Lavigne Associates**—In the three-part Technology in Planning webinar series, Ean and Housaul Lavigne will address key concerns that the planning community is facing today. Attendance at each webinar will meet the requirements for 1 Certification Maintenance (CM) credit for the American Institute of Certified Planners (ACIP). Learn More →
- **CEM**—CEM worked with HDR on a StoryMaps story to present the Baltimore City Transit Development Plan, which will develop a five-year transit investment strategy for the Charm City Circulator bus service. Explore the StoryMaps Story →
- **GeoDecisions**—In this webinar recording GeoDecisions and Esri continue discussing the Fourth Industrial Revolution (4IR) and the future of GIS, data management, and technology. Watch Now →

GIS Heroes

GIS heroes are GIS champions. They have gained respect from AEC industry colleagues who see them as problem-solvers. GIS heroes inspire others to imagine how GIS can help them do their work better. Join us in celebrating the following industry leaders who are making a difference every day at their organizations.

Meet Our GIS Heroes

2023 Digital Twins Survey

This survey is part of a long-term initiative to understand the adoption of digital twins across industries. Please take a moment to complete this brief survey by International Facility Management Association (IFMA).

Take the Survey

Upcoming Events

Connect with Us

Esri User Group on LinkedIn

Esri AEC Community