



Esri News for AEC

Esri News for AEC—June 2021

Hi,

Welcome to the June 2021 issue of the Esri News for AEC newsletter. Here, you can find information and links to relevant webinars, articles and blogs, and more. Happy reading!

Feel free to share this newsletter with your colleagues.



Esri AEC Community

2021 AEC Community Webinars

This webinar series highlights subjects relevant to your organization's missions, workflows, and operations.

Just register once to access all these webinars in 2021:

- August—Topic: Reality Capture
- October—Topic: Environmental Management
- December—Topic: BIM and GIS

Register for the 2021 webinar series [here](#).

If you missed the June webinar or would like to watch them again, the recording is posted to the AEC (Architecture, Engineering and Construction) place on the Esri Community website:

- June—Topic: Esri User Conference Preview. [Watch on-demand](#)



Esri AEC GIS Heroes

GIS heroes are GIS champions. They have gained respect from AEC industry colleagues who see them as problem solvers. They inspire others to imagine how GIS can help them do their work better. Join us in celebrating these industry leaders who are making a difference every day at their organizations. Meet Michelle Watson with Jacobs, Darin Welch with HNTB Technology Solutions Center, George Floros with Skanska Infrastructure UK, and Steve Anderson with VHB.

[Explore now](#)

On-Demand Webinar Recordings

GIS Enabling Digital Twins—This panel discussion sees leaders from four companies discuss the importance of digital twins and their impact on the built and natural worlds. The panelists share their thoughts on the definition of the digital twin in their project-based work. [Watch on demand](#)

GIS Improves Field Operations for Environmental Projects—In this webinar, you will learn how AECOM and SCS Engineers, two environmental firms, use ArcGIS field applications to locate sites and assets, access system information, collect field data, and provide real-time information. [Watch on demand](#)

The Value of GIS + BIM for AEC Owners: San Francisco Airport Profile—Hear how Josephine Pofsky, director of Infrastructure Information Management at San Francisco International Airport, takes on the challenges of the airport's Planning, Design and Construction Division's Technology Visioning Program, focusing on research, development, and deployment of practice technologies. [Watch on demand](#)

Win Business and Reduce Visualization Cost with Aerial Imagery—In this webinar, industry experts from Cardno and HDR will share real-world examples of how they are bringing Nearmap into ArcGIS to perform virtual site visits, create immersive visualizations, develop digital twin solutions, gather parcel data, view utilities, and complement their other geospatial data sources to create the single best source of truth on the ground. [Watch on demand](#)

The Power of Where—MG AEC Technology Partners, in conjunction with sponsors Autodesk and Esri, presented a one-day symposium on the BIM-to-GIS movement in the AEC industry. Gain insights from a panel of experts on the importance of location intelligence—the true "power of where" as a crucial part of the AEC project design, engineering, construction, and operational life cycle. [Watch on demand](#)

Industry Blogs

GIS Trends for Environmental Consulting—The use of GIS in an environmental setting can help directly address a broad range of critical problems. [Read now](#)

View from Above: The Critical Value of Reality Capture—The potential for orthorectified aerial photographs and 3D textured meshes to help answer infrastructure challenges is considerable. [Read now](#)

New Technical Paper: Location Tracking in ArcGIS—Read the new technical paper that describes the various location tracking options available in ArcGIS. [Read now](#)



Esri User Conference

The 2021 Esri User Conference (Esri UC) is a fully virtual experience. Join us at the Plenary Session to hear from Esri president Jack Dangermond, Esri staff experts, and special guests. Learn to use the latest tools in the technical sessions. Get inspired by on-demand user presentations and the Virtual Map Gallery entries. Virtually interact with our sponsors and exhibitors, see how they are impacting their industries, and discover GIS-powered products and services.

Don't miss the Special Interest Group (SIG) meetings on Thursday, July 15:

- *Construction Management*, with panelists from Dewberry, EKFB and Skanska UK
- *Environmental Consulting and Management*, with panelists from SWCA, Colliers Engineering and Design, Weston Solutions, and GZA
- *Design and Engineering*, with panelists from Ferber Engineering Company, Texian Geospatial, and SIT International

To help direct you through the conference, we created a flier to highlight industry-focused sessions including on-demand user presentations. [Check out the flier](#)

Esri Infrastructure Management & GIS Conference (Esri IMGIS)—Call for Papers

Have you created a cool new app? Redesigned how you manage your operations, assets, or facilities? Discovered a new way of using GIS? If so, we want to hear from you—and so do many of your industry peers. The deadline to submit is July 2.

[Submit your abstract](#)

Podcast

buildingSMART International's Podcast—Hear from Jack Dangermond, president of Esri, as he shares his perspectives on a wide range of topics. [Listen now](#)

Case Study

Ferber Engineering Company Helps Improve Roadway Safety with GIS Technology—The implementation of new workflow efficiencies provides time and cost savings. [Read now](#)

Article

A Flying Start for Data Integration—San Francisco International Airport's multibillion-dollar capital improvement is blazing a new trail with the combination of GIS, computer-aided design (CAD), and building information modeling (BIM) to transform infrastructure data management, operations, and, ultimately, the traveler experience. [Read now](#)

Training

Visualize Construction Planning in 3D—Use a real-world mesh and BIM models to visualize a construction plan and publish it as a 3D web scene. [Explore now](#)

Massive Open Online Course: Imagery in Action—This course is for anyone who wants to learn—or learn more—about the many uses of imagery, the many types of imagery, and the rapidly growing integration of imagery with GIS. [Explore now](#)

Story Map

Coastal Flooding: Examine how coastal communities are being impacted by sea level rise and the data that can help.

[Explore now](#)

Ebook

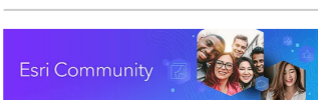
Extend the Reach of Your GIS: ArcGIS Online Tips and Best Practices—Based on a popular workshop that has evolved over many years, the ebook covers a variety of tips and best practices to help you succeed in implementing cloud GIS. It also includes links to additional resources such as help documentation, Learn ArcGIS lessons, and blog articles.

[Download now](#)

Video

Esri and Autodesk—Integrate the worlds of location intelligence and design to help you plan, design, build, and operate better.

[Watch now](#)



Esri Community

Join AEC professionals on Esri Community to learn, discuss, and ask questions about architecture, engineering, and construction. We'll post webinar recordings, blog entries, and more.

[Connect now](#)