Esri News for AEC

Esri News for AEC—September 2021

Hi,

Welcome to the September 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 Infrastructure Management & GIS Conference
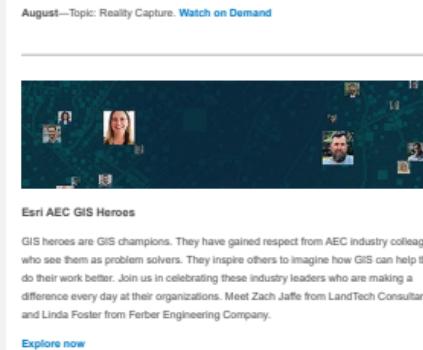
The 2021 Esri Infrastructure Management & GIS Conference (Esri IMGIS) will be held in person October 26–28 in Palm Springs, California. Jack Dangermond will open the conference with a Plenary Session that will include guest speakers. In the architecture, engineering, and construction (AEC) keynote session and challenges for sustainability in AEC, and customers will present how they create digital twins pulled together from many products and data sources. ArcGIS GeoBIM will be highlighted in product team and early adopter sessions.

Our detailed agenda can help direct you through the conference. It highlights industry-focused sessions including keynote sessions, special interest group (SIG) meetings, and technical sessions. Check out the detailed agenda.

We look forward to your joining us for an excellent and informative Esri IMGIS.

Register to reserve your spot.

Share your thoughts on what topics you would like to discuss at the upcoming SIG meetings.

Esri AEC Community

2021 Esri AEC Community Webinar Series

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

Just register once to access webinars in 2021!
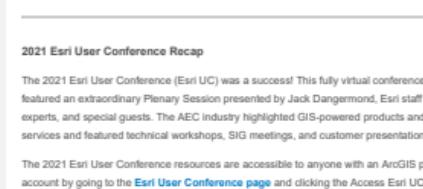
October 12—Topic: Environmental Management

December 14—Topic: GIS and Building Information Modeling (BIM)

Register for the 2021 webinar series.

If you missed the August webinar or would like to watch it again, the recording is posted to the AEC place on the Esri Community website.

August—Topic: Reality Capture. 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 Zach Jaffe from LandTech Consultants and Linda Foster from Ferber Engineering Company.

Explore now

On-Demand Webinar Recording

Reality Capture—Watch Esri's Marc Goldman and Daniel Chant, Kimley Horn's Bobby Valentine and Ryan Thomas, and Aerometrex's Casey Adams in this webinar on reality capture.

Watch Now

ENR Webinar—Aggregating Diverse AEC Data for Better Project Delivery.

Watch Now

Upcoming Webinars and Virtual Events

buildingSMART International Virtual Summit Autumn 2021| September 27–October 8
IFC in ArcGIS—Bringing Open Standard BIM Data into GIS Workflows.

Register now

Autodesk University | October 5–7
Classes include the following:

- The Road (and Rail) to BIM Success Begins with GIS
- A Hitchhiker's Guide to ArcGIS GeoBIM and the Autodesk Construction Cloud

Register Now

2021 Esri User Conference Recap

The 2021 Esri User Conference (Esri UC) was a success! This fully virtual conference featured an extraordinary Plenary Session presented by Jack Dangermond, Esri staff experts, and special guests. The AEC Industry highlighted GIS-powered products and services and featured technical workshops, SIG meetings, and customer presentations.

The 2021 Esri User Conference resources are accessible to anyone with an ArcGIS public account by going to the Esri User Conference page and clicking the Access Esri UC 2021 button on the top right of the page. Once logged in, users can explore and play session recordings. If users do not have an account, they can create one for free at the Create an ArcGIS Public Account page. All sessions and workshops are free.

Save the Dates—We hope to see you July 11–15, 2022, at the Esri User Conference in San Diego, California!

Esri UC Highlights

Data-Driven Modeling for Reporting and 3D Visualization with ArcGIS and ArcGIS CityEngine—Learn how Rambøll Denmark brings more value to clients by automating tasks in smart solutions. Watch Now

ArcGIS Experience Builder Supports Critical USACE Decisions through Innovative Solution—Discover how Rambøll delivers unique products and services to key stakeholders in near real time using ArcGIS Experience Builder, ArcGIS Web AppBuilder, and ArcGIS Survey123 through an AEC project delivery subscription. Watch Now

GIS, BIM, and Augmented Reality to Support Enhanced Visualization and Geodesign—Learn how HNTB Corporation is finding new and exciting use cases that support better communications between project stakeholders. Watch Now

Streamlining Data Management and Reporting for Collaboration and Mapping—Hear how Golder Associates Ltd. is using ArcGIS Enterprise, ArcGIS GeoEvent Server, ArcGIS Pro, ArcGIS Collector, and ArcGIS Survey123 to streamline and automate data management and reporting for environmental assessments of contaminated sites. Watch Now

Leveraging ArcGIS Solutions for Digital Infrastructure Design Delivery—HDR is utilizing ArcGIS technology to effectively organize staff, data, and tools across the large project team. Watch Now

Agile Asset Management Systems and Statewide ITS Device Collection during COVID-19—WSP and the Ohio Department of Transportation developed custom GIS solutions with an agile mindset and Esri frameworks to collect thousands of intelligent transportation system (ITS) assets. Watch Now

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Industry Blog

GIS Empowers Environmental Consultants—Get an overview of how GIS can help in planning and assessments, environmental measurements, analytics and predictions, environmental reporting and management, business innovation, and digital transformation.

Read Now

Podcast

FootPrint Coalition's Downstream Channel—Robert Downey Jr. and Rachel Kropa discuss geodesign with Jack Dangermond and Ryan Perkl.

Listen Now

Articles

GIS and BIM Take First Major Steps to Integration—Bringing everything from utilities information to site conditions out of a GIS map into BIM usually requires cumbersome rework. That's now changing. Read Now

Discover How GIS and BIM Help Design and Construction Teams Work More Efficiently—This article covers GIS and BIM integration and provides informative resources to help your exploration and adoption of integrated BIM and GIS workflows. Read Now

Gwinnett County Explores Benefits of Digital Twins at Pump Station—Discover how Gwinnett County Department of Water Resources (GCDWR) and KCI assess the ArcGIS digital twin development process. Read Now

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ArcGIS GeoBIM

Introducing ArcGIS GeoBIM—ArcGIS GeoBIM delivers an innovative, easy-to-use web-based experience for teams to explore and collaborate on building information modeling projects and issues, using data from multiple systems in a geospatial context.

Learn More

Ebook

GIS & BIM Integration for Sustainable AEC Industry Practices—In this ebook, learn how integrated GIS and BIM solutions facilitate a data-driven approach to project life cycle management, which is crucial for sustainable project outcomes. Coming Soon

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Workflow Videos

Connect to BIM 360 from ArcGIS Pro—With ArcGIS Pro 2.6, users can now establish a direct connection to the Autodesk BIM 360 cloud environment to access and use BIM data (Revit, DWG, etc.) in ArcGIS Pro for visualization and analysis, as well as for extending the ability to publish to ArcGIS Online and ArcGIS Enterprise. Watch Now

GIS + BIM for AEC Project Delivery & Operations—Discover ArcGIS connectors within design and learn how BIM connectivity in ArcGIS Pro and reality capture supplies geographic building information modeling workflows. Watch Now

ArcGIS Pro: An Introduction to Using CAD Data—Hear how your organization can leverage CAD data using proper techniques and data integration tools in ArcGIS Pro. Watch Now

ArcGIS Pro: Using BIM Data—Learn how ArcGIS Pro can help you visualize information and help you access the rich attributes and 3D content in your GIS by directly reading IFC and Autodesk's Revit files. Watch Now

ArcGIS GeoBIM—Find out how ArcGIS GeoBIM, GIS, and BIM work side by side to coordinate critical system details to build sustainable infrastructure. Watch Now

ArcGIS GeoBIM: Connecting GIS & BIM—Learn how ArcGIS GeoBIM empowers users to quickly configure cloud-to-cloud integrations between ArcGIS and Autodesk Construction Cloud. Watch Now

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Esri Community

Esri Community

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

Connect now

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