



Esri News for AEC—December 2021

Hi,

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

Feel free to share this newsletter with your colleagues. They can sign up via the Esri News for AEC Newsletter [web page](#).

Case Studies



Infrastructure Design Firm Employs Geospatially Enabled BIM Solution for Massive Airport Improvement Project

US-based infrastructure solutions firm HNTB adopted a new solution for its building.

[Read the Case Study](#)



Web GIS Leads to Greater Efficiency

North Texas Municipal Water District wanted to move from paper-based project management to web based.

[Read the Case Study](#)



AEC GIS Heroes

GIS heroes are GIS champions. They have gained respect from architecture, engineering, and construction (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 the latest AEC GIS hero: Daniel Boudreau, from GZA GeoEnvironmental, Inc.

[Explore Now](#)

Blogs



Free: Project Delivery Subscription Scripts

GIS administrators and project managers can stand up an Esri AEC Project Delivery Subscription (PDS) in minutes. Automated tasks include deploying templates, customizing organizations, and adding users.

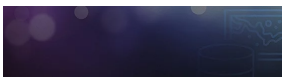
[Read the Blog](#)



3D Model Shows the Impact of Construction Boom Surrounding Penn State

College towns across the country are mapping and analyzing the impact of a luxury student housing boom brought on by large investors.

[Read the Blog](#)



2021 AEC Community Webinar Series

If you missed the October or December AEC community webinars or would like to watch them again, the recordings are posted to the AEC place in Esri Community.

October 12—Topic: Environmental Management

[Watch on Demand](#)

December 14—Topic: GIS and BIM

[Watch on Demand](#)

[Watch Recordings of Previous AEC Community Webinars](#)

Jack Dangermond's Vision for Esri Community

Esri Community is where you can find solutions, share ideas, and collaborate to solve problems by using GIS. Watch Jack Dangermond's video to hear how Esri Community can be the place where you network, collaborate, and improve your work with GIS. Find your place of interest—check out ArcGIS products, developer topics, industry places, or specific user groups to get started.

[Watch the Video](#)



Esri Infrastructure Management & GIS Conference

It was so exciting to reunite the infrastructure community at the 2021 Esri Infrastructure Management & GIS Conference and help attendees discover the true power of ArcGIS. Users connected with 40 exhibitors at the Expo for one-on-one face time, demonstrations, and networking.

Congratulations to our AEC Industry Award winners!

- HDR
- KCI
- Larson Design Group
- AECOM



Training

[Get Started with ArcGIS Dashboards](#) (1 day instructor-led course [per link])—Learn dashboard types, design considerations, layout options, and techniques to organize and focus dashboard elements to meet the specific information needs of your audience.

[ArcGIS GeoBIM: Connecting GIS and BIM](#) (video—2021 Esri User Conference [Esri UC] technical workshop video)

[ArcGIS Pro: Using BIM Data](#) (video—2021 Esri UC technical workshop)

[ArcGIS Pro: Introduction to Using CAD Data](#) (video—2021 Esri UC technical workshop)



Ebook

[GIS & BIM Integration for Sustainable AEC Industry Practices](#)—In this ebook, you'll learn how integrated GIS and BIM solutions facilitate a data-driven approach to project life cycle management, which is crucial for sustainable project outcomes.

[Read Now](#)



Article

New Life for High-Speed Rail

As the US gets serious about improving its infrastructure, high-speed trains are back in the spotlight, with new implications.

[Read the Article](#)



Podcast

Jacobs' Geospatial Approach to Problem-Solving

Jacobs' Michelle Watson explains how location-based technology is facilitating sustainable planning and construction around the world.

[Listen Now](#)

Stories



The City of Fort Myers, Florida — Pollution Reduction Plan

The City of Fort Myers has taken a proactive approach to preventing pollution associated with the aging infrastructure and the anticipated increased demand on utilities due to population growth. To that end, the city has implemented measures to eliminate potential point sources within its control or responsibility that could contribute to introducing anthropogenic pollutants—specifically, fecal indicator bacteria (FIB)—to the city's surface water bodies.

[Explore the Story](#)



ArcGIS GeoBIM for AEC Teams

Projects need to take the existing conditions into account—whether those are natural conditions such as wetlands or flood zones, or the built environment such as roads or underground utility networks. ArcGIS GeoBIM delivers an innovative, easy-to-use web-based experience for project teams to explore and collaborate on BIM projects and issues, using data from multiple systems in a geospatial context.

[Explore the Story](#)



Esri Geodesign Summit - Save the Dates

The 2022 Esri Geodesign Summit will be held April 11–12 in Redlands, California.

[Get notified when registration opens](#)