

# QUARTERLY **CONNECTION**

A NIBS MEMBER NEWSLETTER

JULY 5, 2022

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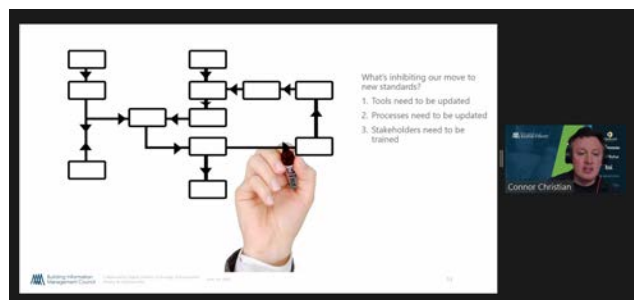
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## FEATURE STORY

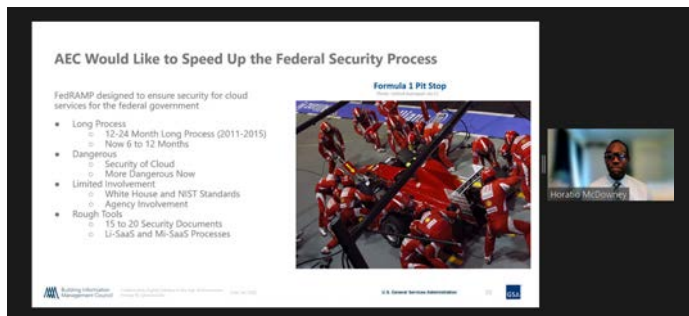
### BIM Events Take Built Environment Center Stage

The National Institute of Building Sciences hosted two parts of the three-part BIM Event Series on collaborative digital delivery and cyber security in June.

The final event of the series, which will cover key findings and takeaways from both the June 1 webinar and June 7 in-person workshop in Washington, will take place during Building Innovation 2022 in September.



BI2022 is open to all members of the built environment to explore challenges, best practices, groundbreaking strategies, and introduce new tools. It will take place September 26-28, at the Mayflower Hotel in DC.



## Webinar: Collaborative Digital Delivery in the Age of Information Privacy and Cyber Security

On June 1, hundreds of attendees logged in for the BIM webinar that explored the current state of digital delivery in the built environment, laying the groundwork for future exploration.

The webinar highlighted an increasing trend toward collaboration and the impacts of requirements related to information privacy and cyber security. Webinar attendees learned about key impacts of information privacy and cyber security requirements to the collaborative digital delivery process, how technology has evolved in support of collaborative digital delivery, and areas impacted by requirements supporting information privacy and cyber security.

Presenters included Robert “Bobby” Prostko, Deputy General Counsel, Intellectual Property and Cybersecurity, and Chief Privacy Officer, Allegion; Lynn Burns, ISSM & FSO, HDR Engineering; Horatio McDowney, Information Technology Applications Project Specialist, U.S. General Services Administration; Rahul Shah, Sector Development

Director, BSI Group Inc.; and Alexandra Luck, Fellow, the Institution of Civil Engineers.

Key contributors included Dr. Ivan Panushev, Principal Partner Solutions Architect for Engineering, Construction, and Real Estate, AWS; Johnny Fortune, BIM Manager, PRIME AE Group; Wanda Lenkewich, CEO, Chinook Systems Inc.; and Dr. Carrie Sturts Dossick, P.E., Professor of Construction Management, Associate Dean of Research, College of Built Environments, UW.

Moderating the discussion were Rachel Riopel, AIA, NCARB, Digital Practice Leader, HDR; Brok Howard, Product Manager, dRofus; Connor Christian, PE, Senior Product Manager, Procore Technologies; and Nathan C. Wood, Executive Director, CPC. NIBS’ Roger Grant, fBSI, Executive Director of BIM, provided the opening remarks.

[READ MORE>>](#)

## The June 7 Workshop

Fifty built environment leaders attended the BIM Workshop at the American Institute of Architects headquarters in Washington, DC, on June 7.

Participants presented their design, construction, owner, or IT solution stakeholder biases during team breakout sessions. Following the breakouts, each team reported the opportunities, identifying them to the larger group for discussion. All validated opportunities have been shared with the National BIM Program Steering Committee for review.



Individual participation provided NIBS with a wealth of thought-provoking information. By all accounts, the energy in the room for continuing collaborative activities was palpable.

## Our Thank You

In 1974, NIBS was chartered by the U.S. Congress to convene industry and government by bringing together experts from throughout the built environment. We lead efforts – of which the BIM Event Series is a great example – to ensure the nation’s buildings and communities remain safe by seeking consensus solutions to mutual problems of concern.

Thank you to all participants, speakers, key contributors, and moderators for your assistance and thought leadership, as we bring the industry together to develop the U.S. National BIM Program.

We also would like to extend a special thanks to our BIM Event Series sponsors: Autodesk, BSI, Compass Datacenters, dRofus, Inc., and Newforma. Your support and participation made this series possible. For more information about the NIBS BIM Council, visit [nibs.org/bimc](https://nibs.org/bimc).

- August 16 – Essential Infrastructure: Lifelines & Access to Internet. Our subject matter experts will focus on clean water, clean energy, and closing the digital divide.
- December 6 – Strengthening Infrastructure: Mitigating the Climate Crisis. The webinar will focus on disaster preparation projects to address worsening natural disasters. The IIJA is the largest-ever federal investment in climate resilience.

NIBS launched Infrastructure 2022 this year. So far, we’ve tackled transportation infrastructure and goods, travel and supply chain challenges.

Let’s recap.



## Infrastructure 2022: Transportation and Your Daily Commute Overview

The passage of H.R.3684 – the Infrastructure Investment and Jobs Act or the Bipartisan Infrastructure Law – ensures daily commutes across metropolitan cities and small towns will be improved. The law includes \$1.2 trillion in total funding, reauthorizing surface transportation programs for five years and investing \$110 billion in funding. The bill also guarantees \$89.9 billion for public transit over the next five years between reauthorizations and new funding.

## INFRASTRUCTURE 2022

### Infrastructure 2022: Here’s A Look Ahead

Infrastructure has taken a big spotlight in legislation, news reports, and direction for the nation’s future.

The next two webinars for the Infrastructure 2022 series are:

On February 16, 2022, the National Institute of Building Sciences hosted the first in a new series around infrastructure, covering Transportation Infrastructure: Your Daily Commute.

Our expert panel discussed the status of the nation’s infrastructure, fundamentals of upcoming projects, and how the new law will affect our daily lives and commutes.

The panel included Tatjana Kunz, Special Assistant for Policy and Implementation, U.S. Department of Transportation; Katelyn Walker Mooney, Policy Advisor, U.S. Department of Labor; and Caroline Sevier, Director of Government Relations, American Society of Civil Engineers (ASCE). The webinar was moderated by NIBS Interim CEO Stephen T. Ayers. [READ THE SESSION NOTES>>](#)

## Infrastructure 2022: Goods and Travel Overview

The Infrastructure Investment and Jobs Act aims to improve the way Americans travel, as well as how goods and materials are transported.

IJA has earmarked \$25 billion for airports, \$66 billion for railways, and \$100 billion in competitive grants for projects focused on moving freight. These grants will help unblock delivery channels and clear bottlenecked supply chains.

Electric vehicle charging infrastructure also will be addressed, with \$7.5 billion in funding.

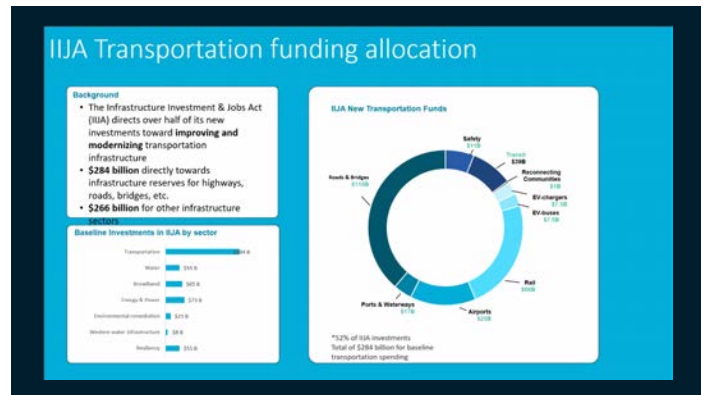
On April 19, 2022, NIBS hosted the second installment of the Infrastructure webinar series, covering how funds from IJA will address the current and future infrastructure needs for Americans, their goods, and the ability to travel.

The panel included Carla Bailo, President and CEO, Center for Automotive Research; Daniel T. Pippenger,

Chief Operating Officer, Port of Portland; and Melissa Connolly, Assistant Vice President of Government Affairs, Association of American Railroads. The webinar was moderated by Sandra Benson, Global Head of Industry Transformation with Procore and NIBS Board Member.

[READ THE SESSION NOTES>>](#)

Infrastructure 2022 is sponsored by the NIBS Consultative Council and Procore Technologies.



## #THISISNIBS CAMPAIGN

### #ThisIsNIBS Recognizes Member Organizations

The National Institute of Building Sciences serves the public interest by advancing science and technology to improve the built environment. Our members are building industry professionals – representatives of academia, non-profit associations, local, state and federal government, and the public and private sectors. These are the individuals we serve, and they are critical to our work.

Members develop and implement technical and procedural improvements through collaboration on our councils, events, and programs. This allows our members to effectively tackle the challenges faced in the built environment.

This year, #ThisIsNIBS highlights member organizations that go above and beyond with their commitment to NIBS and the nation's built environment. So far, we've recognized BSI, University of Washington College of Built Environments, Ohio Facilities Construction Commission, and 84 Lumber Company. For more information about membership, visit [nibs.org/contributors](https://nibs.org/contributors).

National Institute of BUILDING SCIENCES™ #THISISNIBS

**OFCC**  
OHIO FACILITIES CONSTRUCTION COMMISSION

Thanks for being a NIBS member

The Ohio Facilities Construction Commission brings consistency to the state's public construction procurement standards, documents, and project delivery methods. It is important that OFCC project managers, facility planners, and program administrators keep up to date with best practices that improve the built environment.

OFCC became a NIBS unlimited organizational member in June 2021. The commission values the networking access, professional development, and research resources associated with membership.

Thank you, Ohio Facilities Construction Commission, for your support of NIBS! We are grateful for your volunteer participation and contribution to the nation's built environment.

National Institute of BUILDING SCIENCES™ #THISISNIBS

**bsi.**

Thanks for being a NIBS member

BSI Group joined NIBS in May 2021 and has since engaged at an extraordinary level across the many layers of our organization. BSI's purpose – to inspire trust for a more resilient world – aligns significantly with that of NIBS. BSI offered expert-led webinar content as part of NIBS' Resilience 2021 webinar series, focusing on Building Resilience Through BIM, and provided one of the Building Innovation 2021's most popular breakout sessions entitled, The Story of BIM and the New World of Digital Construction. As BIM, resilience and sustainability experts, we look forward to aligning our efforts more with BSI Group as we work to shape projects of the NIBS BIM Council in 2022 and beyond. We look forward to strengthening this partnership with BSI Group.

Stephen T. Ayers, Interim CEO, NIBS



## BUILDING INNOVATION 2022

### Building Innovation 2022 Early Bird Registration is Open

The NIBS team is quickly moving on **BI2022** preparations, including securing keynote speakers and experts for presentations.

Early bird registration, which saves approximately 20 percent, will close July 26. [Register now.](#)

NIBS received 100 speaker abstracts by the June deadline. Selected speakers will receive notification by mid-July. A conference agenda also will be announced.

The conference Innovation Lounge, which is the BI2022 networking hub/exhibit hall is quickly selling out. More than half of the 21 exhibit booths already are reserved. For



sponsorship questions or to reserve your space, contact Sarah Swango at [sswango@nibs.org](mailto:sswango@nibs.org).

We'd like to thank our generous **Building Innovation 2022 sponsors**, including the International Code Council, Dell Technologies, Tremco Construction Products Group, 84 Lumber, BSI, Session Board, Procore Technologies, and Evolve Stone.

[buildinginnovation.org](http://buildinginnovation.org)



National Institute of Building Sciences  
**BUILDING INNOVATION**  
Conference

Save the date

# BUILDING INNOVATION 2022

September 26-28 | Mayflower Hotel, Washington, DC

## COLUMNS & NIBS IN THE NEWS



*Our Board of Directors met at NIBS headquarters with facilitator THRUUE for strategic planning and the spring board meeting in May. We are grateful to these leaders for their service to the U.S. built environment.*



## 2021 Annual Report to the President of the United States is Available!

Remaining true to the objectives in our enabling legislation, NIBS convenes the leaders of our industry to look to the future, and build alignment on those topics challenging our future so we may ensure our built environment enables the economic and social vitality of the United States.

Our annual report highlights our work to improve the safety, performance, and resilience of the nation's buildings and communities; enable innovation across the industry; and ensure a competent and vibrant workforce.

[READ THE ANNUAL REPORT>>](#)





## Built Environment Leaders Judy Dinelle and Yvonne Castillo Join NIBS Board

NIBS has added two new members to the Board of Directors.

84 Lumber Company Building Ambassador Judy Dinelle, CGP, CAPS, AMA, joined the board on May 5, in time for the board's spring meeting in Washington, DC. Dinelle has been in the building business for more than 36 years, serving in a variety of positions, including carpenter, sub-contractor, and contractor sales representative. She is the liaison between the Home Builders Association, similar organizations, and 84 Lumber Co.

Also joining the board is Yvonne Castillo, Esq., Senior Vice President of Risk Management with Victor US. Castillo has worked exclusively in the design/construction industry for 20 years and leads a team of risk management consultants and advises design firms on business, practice management, and liability risks, including emerging trends related to climate mitigation and adaptation policy and strategies, technology, and alternative delivery methods. She officially joins the board in October. [READ MORE>>](#)

## Scientific and Technical Experts Wanted – Join Our Scientific Resolution Panel Cadre

The National Institute of Building Sciences seeks qualified scientific and technical professionals from the public, private and academic sectors to serve on independent scientific panels. These Scientific Resolution Panels (SRPs) convene for the purpose of reviewing and resolving conflicting scientific and technical data, submitted by a community, challenging the Federal Emergency Management Agency's (FEMA) proposed flood hazard data.

When a community challenges the proposed FEMA flood elevations for a particular area, the community or FEMA may request that an SRP be convened. NIBS will convene an independent panel from its cadre of experts, co-selected by the challenging community and FEMA, to review FEMA's flood hazard data and the flood hazard data submitted by the community to determine which studies are technically and scientifically more accurate.

[READ MORE>>](#)

**Asian American and Pacific Islander Heritage Month Q&A**

*"Membership in NIBS provides STG Design access to the many councils and programs leveraging science and technology to enhance the built environment – not only in our practice but for our clients and in our communities."*

**Evelyn Fujimoto**, Associate AIA, LEED AP, NCIDQ, RID; Principal, Director of Design, STG Design; Board Member, National Institute of Building Sciences

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## Q&A: Evelyn Fujimoto, Principal with STG Design

In celebration of May's Asian American and Pacific Islander Heritage Month, we spoke with NIBS Board Member Evelyn Fujimoto, Associate AIA, RID, LEED AP, and Principal with STG Design. Here's what Fujimoto shared with us.

How did you get started in the built environment?

I started my career with multiple internships with an architecture and design (A+D) firm in Houston, Texas. The firm was surprisingly diverse and inclusive for the time, and 70+ employees welcomed me into an extended professional family, many who became lifelong friends. As the firm started to gain international prominence, I moved to Hong Kong, then London, and Abu Dhabi/Dubai, prior to returning home to Texas. I am fortunate to have spent the majority of my professional career living and working internationally across multiple cultures and learning to embrace diverse views and positions. [READ MORE>>](#)

## Final Building Seismic Safety Council NEHRP Webinar is Aug. 4!

The NIBS Building Seismic Safety Council (BSSC) will host its final event of 11 webinars in the NEHRP Series on August 4, 2022.

The series has been centered around the eight chapters of the 2020 NEHRP Recommended Seismic Provisions: Design Examples, Training Materials, and Design Flow Charts (FEMA P-2192).

The FEMA P-2192 are developed by BSSC for the Federal Emergency Management Agency (FEMA) to illustrate and explain the applications of the 2020 NEHRP Recommended Seismic Provisions for New Buildings and Other Structures (FEMA P-2082), ASCE/SEI 7-22 Minimum

Design Loads and Associated Criteria for Buildings and Other Structures, and the material design standards

The webinar series has served as part the FEMA NEHRP/BSSC outreach and education effort. For more information, visit <https://www.nibs.org/events/nehrrp-webinar-series>.

## NIBS Joins U.S. Department of Housing and Urban Development Innovative Housing Showcase

NIBS Interim CEO Stephen T. Ayers, FAIA, joined HUD Deputy Secretary Adrienne Todman, academic leaders, and representatives from MOD X to discuss the impacts of where homes are built, during the Innovative Housing Showcase on June 10.

The Showcase covered a total of three days and featured new building technologies and housing solutions that are making housing more innovative, resilient, and affordable for American families. More than 2,500 people, including policymakers, housing industry representatives, media, and the general public, were expected to attend. View [HUD's recording of the discussion](#).



*In related news, the BSSC's Provisions Update Committee kick-off meeting for the 2026 NEHRP cycle was held in May. The PUC meeting took place at the Grand Hyatt San Francisco.*

## NIBS IN THE NEWS

### ASSOCIATED PRESS

## Here's How the Government Wants to Disaster-Proof Your Home

On this first day of the Atlantic hurricane season, federal officials are launching a new initiative to modernize building codes so that communities can be more resilient to hurricanes, flooding, wildfires, and other extreme weather events that are intensifying due to climate change. [READ MORE>>](#)

### THE WASHINGTON POST

## How Extreme Weather Has Created A Disaster For School Infrastructure

When last summer's devastating flood put the town of Waverly, Tenn., underwater, Richard Rye was standing on the roof of the junior high school. The junior high school where, if it had not been a Saturday morning, entire classrooms of kids would have been submerged in five feet of water as a rising swell pushed through the building, ripping heavy doors off their hinges and turning hallways into rivers, desks bobbing in the current like paper cups. [READ MORE>>](#)

### THE PEW CHARITABLE TRUSTS

## Property Buyouts Can be an Effective Solution For Flood-Prone Communities

Each year across the United States, communities large and small, inland and coastal, face devastation from flooding. These disasters wipe out family savings, destroy lives and livelihoods, set high-risk communities back economically, are a regular occurrence in many areas, and have cost the nation over \$1 trillion since 2000. [READ MORE>>](#)

### RETROFIT MAGAZINE

## NIBS Announces Procore Technologies as Infrastructure 2022 Sponsor

The National Institute of Building Sciences is pleased to announce that Procore Technologies Inc. has signed on to sponsor Infrastructure 2022. Procore's sponsorship will cover three webinars, as part of NIBS' quarterly infrastructure series, which is being offered by the Consultative Council. Upcoming webinars include



Transportation Infrastructure: Goods and Travel; Essential Infrastructure: Lifelines and Access to Internet; and Strengthening Infrastructure: Mitigating the Climate Crisis.

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## NBC NEWS

### Here's How The Government Wants to Disaster-Proof Your Home

On this first day of the Atlantic hurricane season, federal officials are launching a new initiative to modernize building codes so that communities can be more resilient to hurricanes, flooding, wildfires, and other extreme weather events that are intensifying due to climate change. [READ MORE>>](#)

## MICHIGAN.GOV

### Michigan is Implementing Solutions For Infrastructure

Recent wet weather and high-water levels have given communities a sobering taste of the challenges we face

in an age of climate-linked extreme weather. Driven by more frequent intense storms, all that water has put lives at risk, caused major property damage and left local governments and Michiganders with massive repair bills.

[READ MORE>>](#)

## BUILDING ENCLOSURE

### NIBS Partners With Commissioning Organizations to Advance Guidance on The Whole Building Design Guide

The National Institute of Building Sciences has partnered with the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Building Commissioning Association, AABC Commissioning Group, and NEBB to advance and revise the Building Commissioning resources on the Whole Building Design Guide (WBDG). [READ MORE>>](#)



## OBSERVANCES & EVENTS

**July:** UV Safety Month

**July 24:** National Thermal Engineer Day

**August:** National Water Quality Month

**August 4:** [BSSC NEHRP Webinar: Seismic Design of Coupled Composite Plate Shear Walls/Concrete Filled \(C-PSW/CF\)](#)

**August 16:** [Infrastructure 2022: Essential Infrastructure – Lifelines & Access to Internet](#)

**August 22, 1974:** NIBS Established by Congress

**September 3:** National Skyscraper Day

**September 15-October 15:** National Hispanic Heritage Month

**September 17:** National Tradesmen Day

**September 26-28:** [Building Innovation 2022](#)

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**ON THE WHOLE BUILDING DESIGN GUIDE**

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**BUILDING INNOVATION: IT'S TIME TO RECOGNIZE THE BUILT ENVIRONMENT'S FUTURE LEADERS.**

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**Q&A: EVELYN FUJIMOTO, PRINCIPAL WITH STG DESIGN**

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**NIBS JOINS WITH FANNIE MAE TO DEVELOP ROADMAP ON MITIGATION INVESTMENT**

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**BUILDING INNOVATION: WE SEEK THE BUILT ENVIRONMENT'S CHAMPIONS OF DIVERSITY AND INCLUSION**

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**BUILT ENVIRONMENT LEADERS JUDY DINELLE AND YVONNE CASTILLO JOIN NIBS BOARD OF DIRECTORS**

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**SCIENTIFIC AND TECHNICAL EXPERTS WANTED - JOIN OUR SCIENTIFIC RESOLUTION PANEL CADRE**

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**BUILDING INNOVATION: NIBS' HIGHEST HONOR IS THE MORTIMER M. MARSHALL LIFETIME ACHIEVEMENT AWARD. WHO GETS YOUR VOTE?**

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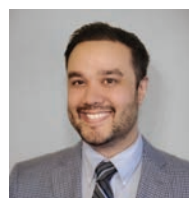
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