

# Innovative Environmental Solutions in Our New World

AN AECOM ENVIRONMENTAL WEBINAR SERIES  
DECEMBER WEBINARS





Monday, December 13, 2021 (1:00 PM ET)

## Hydrogen: The Future Fuel



We are turning to clean fuels of the future, and AECOM leads in developing infrastructure to support the transition to clean fuels for transportation, electricity generation, heat, and GREEN HYDROGEN.

Bonnie Carr, AECOM's Chief Process Engineer and Hazen Burford, AECOM's Director of Future Fuels for North America discuss unique opportunities this ubiquitous molecule, Hydrogen (H<sub>2</sub>) enables for our future.

### TOPICS:

- How does Hydrogen become Green?
- Hydrogen use in transportation (wheeled, trains and ports), electricity generation and more!
- Green Hydrogen projects, globally and in North America – and what AECOM is doing go support them
- Hydrogen-related technologies: AD, Electrolysis, Fuel Cells, and reformation
- Recent news from the "Biden Infrastructure Bill"
- Recent news from around the world
- And a few H<sub>2</sub> jokes, too! "Why did the H<sub>2</sub> cross the street?"

### OUR SPEAKERS: Hazen Burford and Bonnie Carr



**HAZEN BURFORD.** Hazen is Vice-President of Energy at AECOM and has 35 years of utility and clean energy work experience. His work encompasses extensive corporate leadership, operations, engineering, procurement, construction, business development, safety, and program management experience. With a strong record of delivering business growth, generating predictable results, communicating vision, and leading strategic planning efforts, Hazen has a proven track record of effective and profitable operations across a variety of energy related business sectors that address risk, cost, schedule, quality, regulatory compliance, safety, staff development and other factors positively affecting corporate value.

**BONNIE CARR.** Bonnie is Chief Process Engineer of AECOM's Energy Practice and has extensive experience in the downstream and chemical sectors. She leads a team of talented process engineers, who, for the last two years, have been working on guiding companies on transferring to lower carbon emission through carbon capture and hydrogen projects. Bonnie attributes the success of her team not only with their technical expertise, but also with their ability to gather, understand, break down, and explain complex process design ideas and issues to clients.

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# Wednesday, December 15, 2021 (12:30 PM ET)

## The ESG World is Evolving — Are You Following the Trends?

### OUR SPEAKERS: Kristin Tremain Davis, Bob Beinstein and Crystal Upperman



**KRISTIN TREMAIN DAVIS.** Kristin is a Climate Adaptation Ecologist and Project Manager with over 12 years of expertise in climate resiliency projects. She currently leads AECOM Environment’s Nature-based Solutions Americas Practice. She is focused on employing Nature-based Solutions to climate change resiliency, sustainability, ecosystems, and Natural Capital. Kristin’s expertise spans several areas: understanding vulnerabilities of ecosystems to climate change; developing and implementing adaptation strategies that draw from nature to help maintain ecosystem resiliency and societal resiliency; and in making the business case for these considerations through Natural Capital and advance permitting.

**BOB BEINSTEIN, PE, ENV SP.** Bob leads AECOM’s ESG market for the Americas and has held technical and managerial roles in the commercial nuclear industry, managed environmental and smart growth programs in the Federal marketplace, and led a diverse array of client service-related work in the engineering consulting business. From its inception, he served on the Sustainable Infrastructure Advisory Board for the Zofnass Program for Sustainable Infrastructure at the Harvard Graduate School of Design and helped develop the Envision Sustainable Infrastructure Rating system; he remains involved with ongoing research there. Bob spent four months in Guaynabo, Puerto Rico, managing a temporary power team in the wake of Hurricane Maria. He has guest-lectured at multiple universities and teaches the Envision Sustainability Professional credentialing course for both government and private sector organizations.

**CRYSTAL UPPERMAN, PHD, MPA.** Crystal leads climate resilience, social performance, and ESG for the Americas at AECOM. In the past, she’s led program management and disparities research for the Maryland Climate and Health report and was a Senior Research Associate at the World Resources Institute on the Global Commission on Adaptation. She also contributed to the Biden-Harris campaign’s subcommittee for environmental justice, resilience, and climate and health under the Climate, Energy, and Environment Policy Committee. In addition, she serves as a Board Member for *We Act for Environmental Justice*, which is the oldest Environmental Justice organization in the U.S. Crystal is a Member of the Board of Trustees for The Nature Conservancy, for which she spearheads equity and environmental justice initiatives.

Environmental, Social, and Governance (ESG) is experiencing a period of rapidly increasing awareness and emphasis across the public, private, and financial sectors. This is approximately coinciding with the rise in concern about climate change and social upheaval. While the concepts underpinning environmental sustainability have been around for some time, over the last several years, several trends in both regulatory and technical spaces are driving new awareness of how ESG and systems thinking can drive real value creation.

This webinar will offer a high-level overview of key ESG trends and dive a bit deeper into two key areas: 1) the role ecosystems and natural capital can play for both large and small organizations, and 2) recognition of the critical importance social value and environmental justice carry across our world.

Join our experts in their discussion during our Q&A period, to explore the lively intersection of business and society.







#### About AECOM

AECOM (NYSE: ACM) is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy, and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical expertise and innovation, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of \$13.3 billion in fiscal year 2021.

See how we are delivering sustainable legacies for generations to come at [aecom.com](https://www.aecom.com) and [@AECOM](https://www.instagram.com/aecom).

