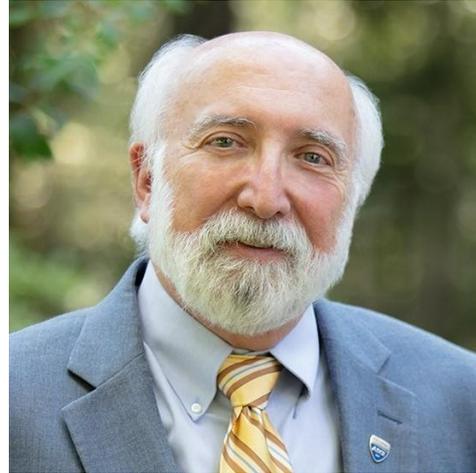


Designing a Sustainable Tomorrow

Dennis D. Truax, Ph.D., P.E., MS A '79

2022 ASCE President



The Talk: For almost a decade, ASCE has been working to develop a vision of 21st Century infrastructure. The goal of looking fifty to seventy years into the future is motivated by a changed planet, population growth, advances in technology, and world economic and human dynamics which will have to be supported by this infrastructure. Only with a vision of what the future will expect of engineers can we prepare those to meet the challenges. Equally important is the need to start these changes now, not tomorrow. This presentation will share the work ASCE has done, and is doing, to prepare the engineer of tomorrow while framing a conversation about infrastructure that leads to policy changes today.

The Speaker: ASCE President Dennis D. Truax's academic career spans 41 years as School Director, Department Head, research center director, and professor. Dr. Truax served on ASCE's Board of Direction, first as a director and later as treasurer, and on countless ASCE committees and task forces. He is a Fellow and Life Member of ASCE, Chapter Honor Member of the Mississippi State's Chi Epsilon chapter, and a Distinguished Alumnus of the Charles E. Via, Jr. Department of Civil and Environmental Engineering at Virginia Tech. He received the 2018 NCEES Distinguished Service Award and ASCE's 2020 Friedman Professional Recognition Award.

He was the faculty advisor to the Mississippi State University ASCE Student Chapter for 26 years. During this time, they received two Ridgway Awards, two national service awards, and numerous other society recognitions. The chapter qualified for the national concrete canoe competition five times and the AISC steel bridge competition three times. He also served as faculty advisor for the EWB chapter which install drinking water wells in southern Zambia to bring clean, sustainable drinking water to about 10,000 people who had none.

A licensed Professional Engineer, he has national certifications as an environmental engineer and as a water resources engineer having worked on projects throughout the world, including the design of over 550 water and wastewater treatments systems, hazardous and solid waste facilities, surface water quality modeling, and watershed management projects.

Registration link:

<https://tbp-org.zoom.us/meeting/register/tZAsdOytrTsiGtKbdbBj-XWH4Sj9DHLXg64>