

Engineering With Nature®

N-EWN: The Network for Engineering With Nature

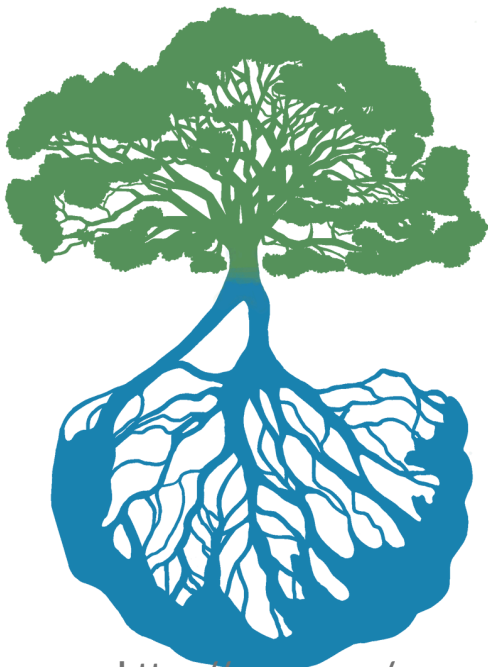
Developing future practice and practitioners

Tuesday, 17 November 2020, 10:00 CT

Register Here:

<https://ewn.el.erdc.dren.mil/n-ewnseminarreg.aspx>

Webinar information will be sent to those registered prior to the virtual event.



<https://n-ewn.org/>

DR. TODD BRIDGES

Senior Research Scientist (ST), Environmental Science,
US Army Corps of Engineers and National Lead for
Engineering With Nature®

DR. BRIAN BLEDSOE

Director of the Institute for Resilient Infrastructure
Systems (IRIS) at the University of Georgia

Natural infrastructure benefits communities and ecosystems. It can come in many forms and scales, including sand dunes engineered to prevent erosion, floodplains along rivers, which allow the river to ebb and flow without flood risk to communities, and coastal wetlands, which protect against storms, absorb pollution, and provide habitat. The University of Georgia's Institute for Resilient Infrastructure Systems and the U.S. Army Corps of Engineers' Engineering

With Nature® Initiative have formed a partnership, the Network for Engineering With Nature (N-EWN). N-EWN will be a clearing house for tools, products and outreach for nature-based solutions and natural infrastructure projects. Join to learn more about how N-EWN will work to prepare the engineers, ecologists and social scientists of the future and to advance our capabilities to deliver infrastructure solutions for communities and ecosystems.

Engineering With Nature®

Guest Speakers



DR. TODD BRIDGES

Senior Research Scientist (ST), Environmental Science,
US Army Corps of Engineers and National Lead for
Engineering With Nature®

Dr. Todd Bridges is the U.S. Army's Senior Research Scientist for Environmental Science. His responsibilities include leading research, development and environmental initiatives for the U.S. Army and U.S. Army Corps of Engineers (USACE). Dr. Bridges is the National Lead for USACE's Engineering With Nature® initiative, which includes a network of research projects, field demonstrations, and communication activities to promote sustainable, resilient infrastructure systems. His primary areas of

research activity at the U.S. Army Engineer Research and Development Center include 1) the science and engineering of sustainable infrastructure development, 2) the development of risk and decision analysis methods applied to water resources infrastructure and environmental systems, and 3) the assessment and management of environmental contaminants.

DR. BRIAN BLEDSOE

Director of the Institute for Resilient Infrastructure
Systems (IRIS) at the University of Georgia

Dr. Brian Bledsoe is a Georgia Athletic Association Distinguished Professor in the College of Engineering at the University of Georgia. Brian has over 25 years of experience as a civil and environmental engineer, hydrologist, and environmental scientist in the private and public sectors. Before entering the professorate, he worked as a consulting engineer and surveyor,

and for the State of North Carolina as a watershed restoration specialist and nonpoint source program coordinator. Brian's research is focused on the interface of engineering, hydrology, and ecology with an emphasis on water quality, stormwater, flood hazards, infrastructure, and restoration of river and wetland ecosystems. He received a National Science Foundation CAREER Award in 2006, served as a Fulbright Scholar in Chile in 2008, and is currently president of the American Ecological Engineering Society. Brian's advisory activities include the Everglades and Louisiana Coastal Area restoration efforts, the Platte River and San Juan River Recovery Implementation Programs, the Environmental Protection Agency Environmental Monitoring and Assessment Program, Engineers Without Borders, and collaborative water planning and management with numerous municipal, industrial, and agricultural partners.

