

MEASURING WHAT MATTERS: TOWARDS A MORE COMPREHENSIVE AND EQUITABLE EVALUATION OF BENEFITS



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Hosted by the Resilient America Program of the National Academies of Sciences, Engineering, and Medicine, in collaboration with the U.S. Army Corps of Engineers' Engineering With Nature® Program and the Water Institute of the Gulf.

WEDNESDAY, NOVEMBER 30, 2022

National Academies of Sciences Building, 2101 Constitution Ave. Washington, DC & [Online](#)

8:00–8:30am	<p>REGISTRATION & BREAKFAST The Great Hall & West Court</p>
8:30–9:30am	<p>KEYNOTE & OPENING Auditorium</p> <ul style="list-style-type: none"> • Welcome Remarks: Marcia McNutt (NAS/NAE), President, National Academy of Sciences (NAS) • Welcome and Opening Remarks: Michael L. Connor, Assistant Secretary, U.S. Army (Civil Works) • Remarks: Richard Spinrad, Administrator, National Oceanic and Atmospheric Administration (NOAA) • Fireside Chat (facilitated by Justin Ehrenwerth, The Water Institute of the Gulf (TWIG)): <ul style="list-style-type: none"> ○ Brenda Mallory, Chair, White House Council on Environmental Quality (CEQ) ○ Michael L. Connor, Assistant Secretary, U.S. Army (Civil Works)
9:30–10:30am	<p>BENEFITS EVALUATION RESEARCH</p> <ul style="list-style-type: none"> • Opening Comments from Engineering With Nature (EWN): Todd Bridges, Senior Research Scientist for Environmental Science & National Lead for EWN, U.S. Army Corps of Engineers (USACE) • Comments from the Chair of the NAS Benefits, Applications, and Opportunities of Natural Infrastructure Committee: Hussam Mahmoud, George T. Abell Professor of Infrastructure; Director, Structural Laboratory, Colorado State University • Reflections on the Origins of Comprehensive Benefits Analysis at the USACE: Brigadier General Gerald Galloway (NAE), U.S. Army (Retired) • Policy Research Presentation: Jordan Fischbach, Director of Planning and Policy Research, TWIG
10:30–11:00am	<p>BREAK</p>
11:00am–3:00pm	<p>PERSPECTIVES ON FORMULATING, EVALUATING, AND IMPLEMENTING INTEGRATED PROJECTS</p> <p>All panel discussants have been asked to address the following:</p> <ul style="list-style-type: none"> • What is your organization doing in the area of comprehensive benefits and nature-based solutions? • What do you consider to be the motivating value and opportunity for doing this work? • How can organizations represented at the summit work together to address challenges in advancing federal benefit evaluation approaches?

11am–12:00pm	<ul style="list-style-type: none"> • Federal Agencies and Nature-Based Solutions Panel • Robyn Colosimo, Director for Policy and Legislation to the ASA (CW), USACE • Victoria Salinas, Assistant Administrator for Resilience, Federal Emergency Management Agency (FEMA) • Michael Brain, Deputy Commissioner, Bureau of Reclamation (USBR) • Deborah Loomis, Senior Advisor for Climate Change to the Secretary, Department of the Navy • Nicole LeBoeuf, Assistant Administrator, NOAA National Ocean Service, NOAA • Zach Schafer, Senior Advisor, Office of Water, Environmental Protection Agency (EPA)
12:00–1:00pm	<p>LUNCH West Court</p>
1:00-2:00pm	<ul style="list-style-type: none"> • State and Local Perspectives Panel • Dale Morris, Chief Resilience Officer, City of Charleston, South Carolina • Laura Hollender, Executive Policy Advisor and Attorney, California Department of Water Resources • Jennifer Shanahan, Senior Planner, City of Fort Collins, Colorado • Karen Bishop, Senior Supervisor, San Antonio River Authority • Lakesha Hart, Director of State Planning, State of Louisiana
2:00-3:00pm	<ul style="list-style-type: none"> • Private Sector/NGO Perspectives Panel • Rebecca Powers, Program Officer, Walton Family Foundation • Sarah Murdock, Director, US Climate Resilience and Water Policy, the Nature Conservancy • Kari Mavian, Director of Senior Government Affairs, Dow • J. Scott Pippin, Community Resilience Manager, University of Georgia Carl Vinson Institute of Government and Institute for Resilient Infrastructure Systems • Niels Holm-Nielsen, Project Manager, Global Facility for Disaster Reduction and Recovery, the World Bank • Brett Stewart*, Manager, Loss Prevention and Education, AXA
3:00–3:30pm	<p>BREAK</p>
3:30–4:30pm	<p>SMALL GROUP DISCUSSION Participants answer questions to prompt discussion around best practices and common challenges across federal agencies, state and local government, and the private sector</p>
4:30–5:00pm	<p>CLOSING COMMENTS</p>
5:00–6:00pm	<p>RECEPTION The Great Hall</p>

*Denotes virtual participation by speaker

ADDITIONAL RESOURCES:

- [Benefits, Applications, and Opportunities of Natural Infrastructure: Proceedings of a Workshop – in Brief](#)
- [Evolution of Benefits Evaluation and Prioritization of Water Resources Projects](#)
- [Consideration of Nature-Based Solutions in USACE Planning Studies](#)
- [Fact Sheet: Biden-Harris Administration Announces Roadmap for Nature-Based Solutions to Fight Climate Change, Strengthen Communities, and Support Local Economies](#)
 - [Nature-Based Solutions Resource Guide: Compendium of Federal Examples, Guidance, Resource Documents, Tools, and Technical Assistance](#)
 - [Opportunities to Accelerate Nature- Based Solutions: A Roadmap for Climate Progress, Thriving Nature, Equity, and Prosperity](#)