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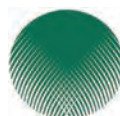
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CONFERENCE AGENDA

ON DEMAND

Pre-recorded for on-demand access. Submit questions directly to the on-demand presenters via the Q&A button next to their presentation. They will check for questions throughout the event. You can also reach out to see if they are available to connect via video chat through the website or event app (this requires you sharing your profile).

Evaluating Water Quality Before and After Stream Restoration

Gregory Melia, Senior Environmental Specialist, NCDEQ - Division of Mitigation Services, Raleigh, NC
(co-authors: *Danielle L. Mir, Water Quality Analyst, Joseph Famularo, Environmental Technician, and Periann Russell, Geomorphologist, NCDEQ - Division of Mitigation Services, Raleigh, NC*)

Funding Water Quality Improvements at Nahant Marsh: Thinking Outside the Box with Mitigation Banking

Judith E. Joyce, PWS, Principal/Senior Geomorphologist, Impact7G, Coralville, IA
(co-author: *Brian Ritter, Executive Director, Nahant Marsh Educational Center, IA*)

Targeting Mitigation in the Neuse River Basin: A Comprehensive Watershed-based Approach

Kayne M. VanStell, CERP, VP Ecosystem Design Services, Water and Land Solutions, LLC, Raleigh, NC
(co-author: *Lindsay Crocker, Property Specialist/Project Manager, NC Division of Mitigation Services, Raleigh, NC*)

Sustainable Rivers Project and Opportunities for Application in Stream Restoration and Banking

Will D. Spoon, Water Program Practitioner, The Nature Conservancy, North Carolina Chapter

Utility of gSSURGO Data for Hydrogeomorphic Wetland Classification

Jamie Becker, ORISE Participant, US EPA Region IV, Atlanta, GA

California Eelgrass Mitigation Policy Five Year Review and Implementation Status

Bryant Chesney, Senior Marine Habitat Specialist, NOAA National Marine Fisheries Service, Long Beach, CA
(co-authors: *Sara Azat, Fish Biologist, NOAA National Marine Fisheries Service, CA and Elissa Connolly-Randazzo, Pathways Student Trainee, NOAA National Marine Fisheries Service, OR*)

A New Tool Facilitating No Net Loss with Consultations: The Puget Sound Nearshore Conservation Calculator

Stephanie I. Ehinger, Biologist, NOAA/National Marine Fisheries Service, Lacey, WA

PRE-CONFERENCE ACTIVITIES

Sunday, July 18, 2021

12 p.m.–5 p.m. Registration Open

CONVENTION CENTER FIRST FLOOR LOBBY

Monday, July 19, 2021

7 a.m.–6 p.m. Registration Open

CONVENTION CENTER FIRST FLOOR LOBBY

7:30 a.m.–12:30 p.m.

WORKSHOP

ROOM 301

Training 101: Compensatory Mitigation

Jeanne C. Richardson, Mitigation Program Manager, Norfolk District Regulatory Branch, U.S. Army Corps of Engineers, Lynchburg, VA

Charlotte Kucera, Texas Transportation Liaison, U.S. Fish and Wildlife Service, Austin, TX

John Wigginton, Director, Southeast Region, Westervelt Ecological Services, Auburn, AL

Brent Shaver, Entitlement Manager, Westervelt Ecological Services, Auburn, AL

Katherine Birnie, Director of Markets, Ecosystem Investment Partners, Baltimore, MD

12:30 p.m.–5 p.m.

WORKING GROUP SESSION

ROOM 302

A Path to For-Profit Mitigation on Public Lands

12:30–2:30 p.m. **PART I:** Focus on informing of the objectives, challenges and examples.

2:45–5 p.m. **PART II:** Addressing the challenges and obstacles in a working group format.



FACILITATORS:

Lindsay Teunis, CERP, Principal Restoration Ecologist, SWCA Environmental Consultants, Fort Collins, CO

Milan Mitrovich, Ph.D., Senior Conservation Biologist & Project Manager, ICF, Irvine, CA

Deblyn Mead, National Mitigation Lead, Bureau of Land Management, Lakewood, CO

Michelle L. Mattson, Ecologist, Institute for Water Resources, U.S. Army Corps of Engineers, Alexandria, VA

Jonas Epstein, Conservation Finance Project Specialist, U.S. Forest Service, USDA, Washington, DC



12:45–5 p.m.

Outdoor Classroom 1. Phantom Mill

BUS DEPARTS AT 12:45 P.M.

HOSTED BY Restoration Systems

(meet at 12:30 p.m. in Convention Center Lobby)

3 p.m.–5 p.m.

WORKSHOP

ROOM 304

Funding Your Mitigation Project

FACILITATOR: **Gray Stevens**, Managing Partner, Sandy Creek Partners, Naples, FL

3 p.m.–5 p.m.

WORKSHOP

ROOM 301

Training 102: Creating Endowments for Mitigation Banking

FACILITATOR: **Mark S. Laska**, Principal, Eco Endowment Solutions, San Diego, CA

Steve Carter, President, North American Land Trust, Chadds Ford, PA

Travis Hemmen, Vice President, Westervelt Ecological Services, Sacramento, CA

5:15–6:15 p.m.

Invest Connect at Bank Tank with Social

ROOM 402

(included with Business registration; fee for others; advanced sign up required)

Tuesday, July 20, 2021

- 7 a.m.–6 p.m. Registration Open **CONVENTION CENTER FIRST FLOOR LOBBY**
- 8 a.m.–12:15 p.m. **Outdoor Classroom 2. Daniels Creek Mitigation Bank** **BUS DEPARTS AT 8 A.M.**
HOSTED BY Wildlands Engineering (meet at 7:45 a.m. in Convention Center Lobby)
- 8:30 a.m.–10 a.m. **WORKSHOP** **ROOM 301**
Training 102: Contracting for Credits – The Process
FACILITATOR: **Travis Hemmen**, Vice President, Westervelt Ecological Services, Sacramento, CA
- 8:30 a.m.–10 a.m. **WORKSHOP** **ROOM 302**
Training 102: Stream Banking
Justin Elkins, Mitigation Program Manager, U.S. Army Corps of Engineers, Huntington, WV
Travis Crayosky, Senior Principal, Stantec, Williamsburg, VA
- 10:30 a.m.–12 p.m. **WORKSHOP** **ROOM 301**
Training 102: Conservation Banking
Charlotte Kucera, Texas Transportation Liaison, U.S. Fish and Wildlife Service, Austin, TX
Gray Stevens, Managing Partner, Sandy Creek Partners, Naples, FL
- 10:30 a.m.–12 p.m. **WORKSHOP** **ROOM 302**
Training 102: Regulatory In Lieu of Fee and Banking Information Tracking System (RIBITS)
Valerie Layne, Ecologist, Institute for Water Resources, U.S. Army Corps of Engineers, Alexandria, VA
Michelle L. Mattson, Ecologist, Institute for Water Resources, U.S. Army Corps of Engineers, Alexandria, VA
Shannon Langford, Senior Software Engineer, Applied Research Associates, Inc., Huntsville, AL
Beattie S. Williams, Owner, Starr Enterprises LLC, Vicksburg, MS
- 12 p.m.–4 p.m. Exhibit Setup **BALLROOM B**
- 12–1 p.m. Lunch Break (on your own)
- 1 p.m.–2:45 p.m. **WORKSHOP** **ROOM 301**
Training 102: Credit Types, Joint and Multi-Purpose Banking
George W. Kelly, Managing Director, Quantified Ventures, Denver, CO
Susan-Marie Stedman, Wetland Scientist, NOAA National Marine Fisheries Service, Silver Spring, MD
Palmer Hough, Environmental Scientist, U.S. Environmental Protection Agency, Washington, DC
Jeanne C. Richardson, Mitigation Program Manager, Norfolk District Regulatory Branch, U.S. Army Corps of Engineers, Lynchburg, VA
John Yarchoan, Founding Partner, Magnolia Land Partners, Philadelphia, PA

1 p.m.–2:45 p.m.

WORKSHOP

ROOM 302

Training 102: How to Provide Long-Term Stewardship that Works

Greg DeYoung, AICP, Vice President Emeritus, Westervelt Ecological Services and ERBA Board Member, Sacramento, CA

Steve Martin, Mitigation Specialist, Mitigation Consultant, Norfolk, VA

Mike Rolband, PE, PWD, PWS Emeritus, President, Resource Protection Group, Inc., Gainesville, VA

Matt Gause, CERP, Ecological Resources & Land Stewardship Director, Westervelt Ecological Services, Sacramento, CA

Angela Sturdevant, Stewardship Manager, The Nature Conservancy, Indianapolis, IN

3–4 p.m.

Transportation Meeting

ROOM 301

FACILITATOR: **Sean Connolly**, Environmental Program Coordinator, South Carolina Department of Transportation, Columbia, SC

3–4 p.m.

State Regulators Meeting (for State Regulators)

ROOM 303

FACILITATOR: **Tim Rach**, ASWM Ex Officio Board Member and Program Administrator, Division of Water Resource Management, Florida Department of Environmental Protection, Tallahassee, FL

3–4 p.m.

U.S. Army Corps of Engineers Meeting (for USACE)

ROOM 304

FACILITATOR: **David Olson**, Regulatory Program Manager, U.S. Army Corps of Engineers, Washington, DC

5 p.m.–7:30 p.m.

RECEPTION

SHUTTLES BUSES START AT 4:30 P.M. IN FRONT OF CENTER

Milburnie Dam Field Trip Reception

HOSTED BY **Restoration Systems**

Advanced sign-up required. Shuttle Buses will be provided beginning at 4:30 p.m.



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Wednesday, July 21, 2021

7 a.m.–6 p.m.	Registration Open	CONVENTION CENTER 2ND FLOOR • BALLROOM FOYER
7:15–8 a.m.	Continental Breakfast — <i>Grab a light breakfast in Exhibits</i>	BALLROOM B
8 a.m.–9:30 a.m.	Banker Forum FACILITATORS: Ben Guillon , National Environmental Banking Association Adam Riggsbee , Ecological Restoration Business Association	BALLROOM C
8 a.m.–9:30 a.m.	Customer/User/Impactor Forum FACILITATORS: Michael Ruth , Professional Geologist, Ecologist/Registered Professional Geologist, Project Development & Environmental Review, Federal Highway Administration, Washington, DC Evan Branosky , Associate Vice President of Government Affairs, Home Builders Association of Virginia, Richmond, VA Sean Connolly , Environmental Program Coordinator, South Carolina Department of Transportation, Columbia, SC	BALLROOM A
8 a.m.–9:30 a.m.	ILF Provider Forum FACILITATOR: Tim Baumgartner , Director, North Carolina Division of Mitigation Services, NCDEQ, Raleigh, NC	ROOM 302
8 a.m.–9:30 a.m.	Regulator Forum FACILITATORS: David Olson , Regulatory Program Manager, U.S. Army Corps of Engineers, Washington, DC Jennifer Moyer , Chief, Regulatory Program, U.S. Army Corps of Engineers, Washington, DC Andy Beaudet , Program Manager, U.S. Army Corps of Engineers, Washington, DC Charlotte Kucera , Texas Transportation Liaison, U.S. Fish and Wildlife Service, Austin, TX Palmer Hough , Environmental Scientist, U.S. Environmental Protection Agency, Washington, DC	ROOM 402
9:30–10 a.m.	Networking Break w/Exhibits	BALLROOM B
10 a.m.–11 a.m.	GENERAL SESSION OPENING SESSION MODERATOR: George W. Kelly , Managing Director, Quantified Ventures, Denver, CO Welcome to NMEBC 2021 Carlene T. Bahler , President, JT&A, inc. and Chair of NMEBC Steering Committee, Herndon, VA Welcome to North Carolina John Nicholson , Chief Deputy Secretary North Carolina Department of Environmental Quality, Raleigh, NC Scott McLendon , Chief of Regulatory, Wilmington District U.S. Army Corps of Engineers, Wilmington, NC Keynote Address Zach Schafer , Senior Advisor to the Assistant Administrator, Office of Water U.S. Environmental Protection Agency, Washington, DC	BALLROOM C

NMEBC 2021 – THE ECOLOGICAL MARKETS CONFERENCE

WEDNESDAY, JULY 21 (CONTINUED)

11–11:30 a.m. Networking Break w/Exhibits — **Grab a Box Lunch**

BALLROOM B

11:30 a.m.–12:30 p.m. **CONCURRENT BREAKOUT SESSIONS**

BREAKOUT 1 – FACILITATED SESSION

BALLROOM A

Banks and In-Lieu Fees: Commonalities, Differences, and Challenges

FACILITATOR: **Sara Johnson**, Executive Director, Ecological Restoration Business Association, Washington, DC
Tim Baumgartner, Director, NC Division of Mitigation Services, Raleigh, NC
George Howard, Co-Founder and CEO, Restoration Systems, Raleigh, NC
Greg Kernohan, Conservation Director-Environmental Markets, Ducks Unlimited, Fort Collins, CO
Travis Hemmen, Vice President, Westervelt Ecological Services, Sacramento, CA

BREAKOUT 2 – FACILITATED SESSION

ROOM 301

An Assessment of Closed Stream and/or Wetland Mitigation Sites in North Carolina

MODERATOR: **Todd Tugwell**, Regulatory Project Manager, USACE Wilmington District, Raleigh, NC
Steve Kichelski, Regulatory Project Manager, USACE, Asheville, NC
Kim Browning, Mitigation Regulatory Project Manager, USACE, Wake Forest, NC
Mac Haupt, Retired; former Stream & Wetland Mitigation Coordinator, NC Division of Water Resources, Raleigh, NC
Erin B. Davis, PWS, Stream/Wetland Mitigation Coordinator, North Carolina Department of Environmental Quality Water Resources, Raleigh, NC

BREAKOUT 3 – FACILITATED SESSION

ROOM 302

The State of The Art in Financial Assurance and Escrow Funding Alternatives

FACILITATORS:
David J. Dybdahl, CIC, CPCU, ARM, MBA, President, American Risk Management Resources Network, LLC, Middleton, WI
Michael Hill, Founder and CEO, Blue Dot Climate Insurance, Washington DC

BREAKOUT 4 – FACILITATED SESSION

ROOM 402

Exploring the Potential in Undeveloped Markets at a National Scale

FACILITATORS:
Jody L. Bickel, CEO, Creekbank Associates, Stone Ridge, VA
Wayne White, CEO, W-Squared Consulting, Citrus Heights, CA
Daniel Perkins, Director of the Division of Sustainability and Environment, D & E Technical, Inc., Urbana, IL

BREAKOUT 5 – FACILITATED ROTATING ROUNDTABLE DISCUSSIONS

BALLROOM C

Topic Discussion A – Advance Mitigation Purchase

FACILITATOR: **Sean Connolly**, Environmental Program Coordinator, South Carolina Department of Transportation, Columbia, SC

Topic Discussion B – A Conversation on Species Credits

FACILITATOR: **Doug Bruggeman**, PhD, President, Ecological Services and Markets, Marshall, NC

Topic Discussion C – Streams of Revenue

FACILITATOR: **Rebecca Lave**, Professor and Chair, Department of Geography, Indiana University, Bloomington, IN

Topic Discussion D – Moving Toward a Natural Resource Currency-Valuing Ecological Systems & Functions

FACILITATOR: **Pamela J. Fetterman**, M.S. Env. Science, Owner & Principal Scientist, ecoGENESIS, LLC, Sarasota, FL

Topic Discussion I – Sales and Marketing

FACILITATOR: **Sarah Correa**, Sales and Marketing Manager, Westervelt Ecological Services, Sacramento, CA

12:30–1 p.m.	Networking Break w/Exhibits	<u>BALLROOM B</u>
1 p.m.–2:30 p.m.	GENERAL SESSION STATUS AND TRENDS <p>MODERATOR: Katherine Birnie, Director of Markets, Ecosystem Investment Partners, Baltimore, MD</p> <p>Third-Party Mitigation Activity 2008–2019 Michelle L. Mattson, Ecologist, Institute for Water Resources, U.S. Army Corps of Engineers, Alexandria, VA</p> <p>Species and Conservation Banking Activity Jason Miller, Fish and Wildlife Biologist, Branch of Environmental Review, U.S. Fish and Wildlife Service, Washington, DC</p> <p>Characterization of Non-404 Wetland and Stream Mitigation Bank and ILF Activity Steve Martin, Mitigation Specialist, Mitigation Consultant, Norfolk, VA</p>	<u>BALLROOM C</u>
2:30–2:45 p.m.	Networking Break w/Exhibits	<u>BALLROOM B</u>
2:45 p.m.–4 p.m.	GENERAL SESSION WAYS TO IMPROVE THE 2008 MITIGATION RULE <p>This panel begins with an introduction and overview of the new Bank and ILF instrument and prospectus workbooks and checklists in development, including challenges and considerations involved in developing a guide relevant to the novice and expert, and applicable across most if not all districts and states. This presentation will be followed by a moderated discussion on ways to improve the 2008 Mitigation Rule.</p> <p>MODERATOR: Palmer Hough, Environmental Scientist, U.S. Environmental Protection Agency, Washington, DC</p> <p>PANELISTS:</p> <p>Erin Knauer, Environmental Scientist, Ecosystem Planning & Restoration, Columbia, MD</p> <p>Brian Topping, Environmental Scientist, U.S. Environmental Protection Agency, Washington, DC</p> <p>John P. Woodley, Jr., NEBA Representative and Principal of Environmental and Energy Practice Group, Advantus Strategies, Richmond, VA</p> <p>Greg DeYoung, ERBA Representative and Vice President Emeritus, Westervelt Ecological Services, Sacramento, CA</p>	<u>BALLROOM C</u>
4–4:15 p.m.	Networking Break w/Exhibits	<u>BALLROOM B</u>
4:15–5:45 p.m.	CONCURRENT SESSIONS SESSION 1 Trends in Business Models <p>MODERATOR: George I. Platt, III, JD, General Counsel, The Wetlandsbank Company, Fort Lauderdale, FL</p> <p>Ben Guillon, CFA, CEO, Conservation Investment Management, Denver, CO</p> <p>Elliott Bouillion, Executive Chairman, Resource Environmental Solutions, Bellaire, TX</p>	<u>BALLROOM A</u>

SESSION 2

ROOM 301

Enhanced Technology for Improved Performance

MODERATOR: **Tara Alden**, Sr. Project Manager, Kimley-Horn, Columbia, SC

Leverage Technology and Ensure Mitigation Banking Success

Nathan Ober, PG, Vice President, Water & Land Solutions LLC, Crested Butte, CO

Streamlining Monitoring Review & Standardizing Data Presentation with Interactive Applications

Jamie Blackwell, Watershed Planning Manager, North Carolina Division of Mitigation Services, NCDEQ, Raleigh, NC

Wetland Monitoring and Delineations — Accurate, Timely and Cost-Effective

Jeremy Schewe, PWS, Chief Scientific Officer, Ecobot, Asheville, NC

SESSION 3

ROOM 302

A New Conservation Marketplace in the Puget Sound

MODERATOR: **Dan Berlin**, PWS, Principal Scientist, Anchor QEA, LLC, Seattle, WA

Stephanie I. Ehinger, Biologist, NOAA National Marine Fisheries Service, Lacey, WA

Ahren Stroming, Executive Policy Advisor, Puget Sound Partnership, Olympia, WA

Kelley Jorgensen, President of Conservation, Plas Newydd, LLC, Ridgefield, WA

Jon Sloan, Senior Manager, Environmental Programs, Port of Seattle, WA

SESSION 4

ROOM 402

Regional and Watershed Approaches

MODERATOR: **David Urban**, P.E., Managing Director, Ecosystem Investment Partners, Baltimore, MD

Developing the Cincinnati-Area Environmental Mitigation Model to Support Regional Efforts

Margaret M. Minzner, Senior Environmental Planner, OKI Regional Council of Governments, Cincinnati, OH

The Intersection of Mitigation and Conservation in South Carolina: History, Success and Challenges for the Future

Robert D. Perry, Senior Mitigation Strategist, Palustrine Group, Columbia, SC

CO-AUTHORS: *Nate Berry, South Carolina Director, Open Space Institute; Sean Connolly, Environmental Program Coordinator, South Carolina Department of Transportation; Tommy Cousins, President, Palustrine Group; David Ray, Interim Executive Director, Lowcountry Open Land Trust; Lorianne Riffin, Director Office of Environmental Programs, SC Department of Natural Resources; Raleigh West, Director, South Carolina Conservation Bank*

Wetland and Stream Mitigation Banking in South Carolina

David B. Wilson, Mitigation Specialist, U.S. Army Corps of Engineers, Charleston District, Charleston, SC

5:45–7:15 p.m.



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Thursday, July 22, 2021

7 a.m.–6 p.m. Registration Open **CONVENTION CENTER 2ND FLOOR • BALLROOM FOYER**

7:30–8:30 a.m. Continental Breakfast — *Grab a light breakfast in Exhibits* **BALLROOM B**

8:30 a.m.–10 a.m. **CONCURRENT SESSIONS**

SESSION 5

BALLROOM A

Improving Financial Assurances

MODERATOR: **Amelia Savage**, Shareholder, Hopping Green & Sams, Tallahassee, FL

PANELISTS:

Jeanne C. Richardson, Mitigation Program Manager, Norfolk District Regulatory Branch,
U.S. Army Corps of Engineers, Lynchburg, VA

Robert Spoth, President, Ecosystems Insurance Associates, LLC, Onancock, VA

Matthew Beernaert, Vice President, Underwriting, Tokio Marine HCC – Surety Group, Farmington, CT

SESSION 6

ROOM 301

Innovative Opportunities in NC

MODERATOR: **Todd Tugwell**, Regulatory Project Manager, USACE Wilmington District, Raleigh, NC

The NC Full-Delivery RFP: 20 Years Old and Getting Better!

Tim Baumgartner, Director, North Carolina Division of Mitigation Services, NCDEQ, Raleigh, NC

John Preyer, President, Restoration Systems, Raleigh, NC

Joint Mitigation Banking—The Importance of State & Federal Agencies Working Together

Katie Y. Merritt, Nutrient Offset and Riparian Buffer Mitigation Program Coordinator, Division of Water Resources, North Carolina Department of Environmental Quality, Raleigh, NC

SESSION 7

ROOM 302

Mitigation on Public Lands and Access

MODERATOR: **Lindsay Teunis**, CERP, Principal Restoration Ecologist, SWCA Environmental Consultants, Fort Collins, CO

Incorporating Mitigation Strategies into Land Use Plans—Increasing Mitigation Opportunities and Decreasing Risk

Deblyn Mead, National Mitigation Lead, Headquarters, c/o Colorado Field Office, Bureau of Land Management, Lakewood, CO

Mitigation on Public Lands Under the 2008 Mitigation Rule

David Olson, Regulatory Program Manager, U.S. Army Corps of Engineers, Washington, DC

SESSION 8

ROOM 402

Dam Removal and Mitigation

MODERATOR: **Mark A. Ray**, M.S. Applied Ecology, Principal, RayEA, LLC Ecological Applications, Kennesaw, GA

Applying RGL 18-01 - An Innovative Approach for Mitigation Proposals

Ross Nelson, President/COO, American Mitigation Company, Mt. Pleasant, SC

Vincent McCarron, Mitigation Coordinator, South Carolina Department of Transportation, Columbia, SC

Klamath Dam Removal Project

Ken Sanchez, Regulatory Manager, Western Region, Resource Environmental Solutions, Sacramento, CA

Dam Removal for Mitigation - Status Update

George Howard, Co-Founder and CEO, Restoration Systems, Raleigh, NC

10–10:15 a.m. Networking Break w/Exhibits

BALLROOM B

10:15–11:45 a.m. **CONCURRENT SESSIONS**

SESSION 9

BALLROOM A

Mitigation in the Forestry Sector

MODERATOR: **Jonas Epstein**, Conservation Finance Project Specialist, U.S. Forest Service, USDA, Washington, DC

PANELISTS:

Doug Hughes, Senior Manager, Mitigation Bank Business, Weyerhaeuser, Hattiesburg, MS

John Wigginton, Director, Southeast Region, Westervelt Ecological Services, Auburn, AL

Jimmy Bullock, Senior Vice President, Forest Sustainability, Resource Management Service, LLC, Birmingham, AL

Dick Kempka, Vice President–Conservation, Molpus Woodlands Group, Jackson, MS

SESSION 10

ROOM 301

Lessons Learned from ILF Program Operations

MODERATOR: **Steve Martin**, Mitigation Specialist, Mitigation Consultant, Norfolk, VA

Patti Grace-Jarrett, PhD, Senior Project Manager, Louisville District USACE, Louisville, KY

Jeanne C. Richardson, Mitigation Program Manager, Norfolk District Regulatory Branch, U.S. Army Corps of Engineers, Lynchburg, VA

Karen Johnson, Director, Wetland and Stream Mitigation, Virginia Chapter, The Nature Conservancy, Richmond, VA

Devin Schenk, Mitigation Program Manager, Ohio Field Office, The Nature Conservancy, Dublin, OH

Tim Baumgartner, Director, North Carolina Division of Mitigation Services, NCDEQ, Raleigh, NC

Chris Gurney, Wetlands Program Director, Impact Directed Environmental Accounts, National Fish & Wildlife Foundation, San Francisco, CA

Susan L. Baker, Biologist/Mitigation Banking and ILF Specialist, Buffalo District, USACE, Buffalo, NY

SESSION 11

ROOM 302

Stream Mitigation and Banking

MODERATOR: **Tyler Thigpen Bell**, Restoration Ecologist, Rocky Mountain Region, Westervelt Ecological Services, Centennial, CO

Stream Restoration on Coal Mining Impacted Properties, WV

Troy Anderson, CERP, Assistant Director of Operations, Ecosystem Investment Partners, Baltimore, MD

Timothy A. Denicola, PG, CFM, Project Manager/Geologist, Civil & Environmental Consultants, Inc., Bridgeport, WV

A Cherokee Darter Mitigation PRM - Five Years of Monitoring

Mark A. Ray, M.S. Applied Ecology, Principal, RayEA, LLC Ecological Applications, Kennesaw, GA

Reedy Creek Stream Mitigation Project: A Watershed Scale Design-Build Stream Mitigation Project in Charlotte, NC

Shawn Wilkerson, President, Wildlands Engineering, Inc., Charlotte, NC

Northern Virginia Stream Restoration Bank — Case Study of an Urban Stream Priority 1 Mitigation Project Restoring Riparian Wetlands

Mike Rolband, PE, PWD, PWS Emeritus, Board Member, Davey Resource Group, Inc., Gainesville, VA

11:45 a.m.–1:45 p.m.

LUNCH PANEL

BALLROOM C

Opportunities for the Industry in the 2021 Policy Climate

MODERATOR: **Sara Johnson**, Executive Director, Ecological Restoration Business Association, Tysons, VA

Update and insights on legislative and policy implications for the industry.

Linda Morrison, Senior Advisor, Dawson Associates, Franklinton, NC

Gary Loew, Senior Advisor, Dawson Associates, Washington, DC

2 p.m.–3:30 p.m.

CONCURRENT SESSIONS

SESSION 12

BALLROOM A

Creating Opportunities for Investing in Species

Greg Schildwachter, PhD, Principal, Watershed Results, Washington, DC

Wayne Walker, Principal, Common Ground Capital, Edmond, OK

Ken Sanchez, Regulatory Manager, Western Region, Resource Environmental Solutions, Sacramento, CA

SESSION 13

ROOM 301

Collaborating with Tribal Nations

MODERATOR: **Donna Downing**, Senior Legal Policy Advisor, Association of State Wetland Managers, Windham, ME

PANELISTS:

Michael Bolt, Water Quality Section Supervisor, Eastern Band of Cherokee Indians, Cherokee, NC

Heather Bartlett, Environmental Specialist, Cow Creek Umpqua Tribe, Roseburg, OR

Donald H. Ross, Chairman, EarthBalance, North Port, FL

SESSION 14

ROOM 302

Improving Stream Crediting

MODERATOR: **Adam Riggsbee**, President, RiverBank Conservation, Austin, TX

Session will begin with a presentation of initial findings and scientifically supported recommendations for improving stream mitigation outcomes from a nationwide effort spearheaded by EPA that explored the use of linear-based, area-based, and other units of measure, including those that have been implemented by regulatory authorities, to calculate impacts and offsets to different types of streams. This presentation will be followed by a moderated discussion.

PANELISTS:

Tracie-Lynn Nadeau, PhD, Environmental Scientist, U.S. Environmental Protection Agency, Portland, OR

Brian Topping, Environmental Scientist, U.S. Environmental Protection Agency, Washington, DC

David Olson, Regulatory Program Manager, U.S. Army Corps of Engineers, Washington, DC

Mike Rolband, PE, PWD, PWS Emeritus, President, Resource Protection Group, Inc., Gainesville, VA

Cidney Jones, PE & CFM, Water Resources Engineer, Ecosystem Planning and Restoration, Fort Montgomery, NY

Martin Doyle, Director, Water Policy Program, Nicholas Institute for Environmental Policy Solution, Durham, NC

3:30–4 p.m. Networking Break w/Exhibits

BALLROOM B

4 p.m.–5:30 p.m.

GENERAL SESSION

BALLROOM C

POLICY ROUNDTABLE WITH THE REGULATORS

MODERATOR: **Tim Male**, Executive Director, Environmental Policy Innovation Center, Washington, DC

Susan-Marie Stedman, Wetland Scientist, NOAA National Marine Fisheries Service, Silver Spring, MD

Gary Frazer, Assistant Director for Ecological Services, U.S. Fish and Wildlife Service, Washington, DC

Brian Frazer, Director of the Oceans, Wetlands, and Communities Divisions, U.S. Environmental Protection Agency, Washington, DC

Jennifer Moyer, Chief, Regulatory Program, U.S. Army Corps of Engineers, Washington DC

5:30–6:30 p.m. **NETWORKING SOCIAL in the EXHIBITS**

BALLROOM B

7 p.m.–9 p.m. EXHIBIT BREAK DOWN

Friday, July 23, 2021

8 a.m.–Noon

Outdoor Classroom 4: Buffalo Creek Tributaries & Lake Wendell: Developing Watersheds/Land-Use Change

BUS DEPARTS AT 8 A.M.

(meet at 7:45 a.m. in Convention Center Lobby)

HOSTED BY Water & Land Solutions