



CELEBRATING 25 YEARS
NATIONAL MITIGATION
& ECOSYSTEM BANKING
CONFERENCE
THE environmental markets conference

NMEBC 2022

DISCOVER ECOLOGICAL SOLUTIONS

MAY 2-6, 2022 • BOISE, IDAHO

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Stream and Wetland Restoration



CONFERENCE AGENDA

ON DEMAND PRESENTATIONS AVAILABLE BY 4/25/22

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 once a day throughout the event.

Accelerated Tracking and Reporting of Restoration Monitoring Success Criteria

Jeff Erramouspe, CRO and **Renee Punzi**, COO, Wildnote, San Luis Obispo, CA

Chronosequence Approach to Using Woody Vegetation as an Indicator of Wetland Mitigation Restoration Trajectory in West Virginia

Jessica Bryzek, Graduate Research Assistant, West Virginia University, Morgantown, WV
(co-authors: Christopher Rota, Assistant Professor, West Virginia University, Morgantown, WV; Elizabeth Byers, Senior Wetland Scientist, West Virginia Department of Environmental Protection, Charleston, WV; Walter Veselka, Grant Writer and Project Manager, West Virginia University, Morgantown, WV; and James Anderson, Director, James C. Kennedy Waterfowl and Wetlands Conservation Center, Clemson University, Georgetown, SC)

Understanding the Impact of Applied Seed Mixes and the Seed Bank on the Vegetation Index of Biotic Integrity Score of Re-established Wetlands

Stephen Bailey, Project Manager, Stream + Wetlands Foundation, Lancaster, OH

Evaluation of Mitigation Strategies for Improving the Environmental and Economic Impacts of Land and Streams on Water Quality by nutrient Tracking Tool (NTT) for

Ali Saleh, Director, Texas Institute for Environmental Research (TIAER), Stephenville, TX

Using Remote Sensing with Lens to Streamline Restoration Management and Monitoring

Carolyn duPont, Head of Growth & Partnerships, Upstream Tech, Boston, MA *(co-author: Stephanie Freed, Assistant Director of Operations, Ecosystem Investment Partners, San Francisco, CA)*

Multi-benefit Mitigation Projects

Megan Webb, In-Lieu Fee Program Manager, King County, Seattle, WA

Saturday, April 30

7 a.m.–6 p.m. **Fly Fishing Trip**

BUS DEPARTS EARLY!
(SEE APP FOR DETAILS)

Sunday, May 1

7 a.m.–6 p.m. **Fly Fishing Trip**

BUS DEPARTS EARLY!
(SEE APP FOR DETAILS)

BOISE CENTRE LEFTOVER FOOD DONATION

In an effort to reduce food waste and support members of the community in need, Boise Centre donates food left over from events to the Boise Rescue Mission. Leftover food is transported to the Boise Rescue Mission’s main warehouse, and it is then delivered to one or more of their three shelters in the Boise area.

FOR MORE SESSION DETAILS, SEE AGENDA AT WWW.MITIGATIONBANKINGCONFERENCE.COM

PRE-CONFERENCE Monday, May 2, 2022

7 a.m.–6 p.m. Registration Open **BOISE CONVENTION CENTRE WEST**

7:30 a.m.–12:30 p.m.

WORKSHOP   

ROOM 130

Training 101: Introduction to Compensatory Mitigation

8 a.m.–12 p.m.

WORKSHOP  

ROOM 100DE

***Intermediate Training Pilot: IRT Review Workbooks 1–
Bank Instrument Example***

For those already familiar with the IRT Review Process.

12–1 p.m. Lunch (On Your Own)

12 p.m.–5 p.m. **FIELD CLASSROOM 1. Idaho Power Company,  **BUS DEPARTS AT 12 P.M.****

Turner Ranch Wetland Enhancement Project

Box Lunch provided

HOSTED BY

(11:45 a.m. on Front Street side of Boise Centre)

Idaho Department of Fish and Game

U.S. Fish and Wildlife Service, and

Idaho Power Company

1 p.m.–2 p.m.

WORKSHOP   

ROOM 100DE

Training 101: RIBITS Part 1 — For Bank Sponsors

Bring your own wi-fi enabled laptop. Login with POC permissions recommended for this session, but welcome to observe.

1 p.m.–3 p.m.

PANEL   

ROOM 130

***PART I: Continuation: Walking the Path to
For-profit Mitigation on Public Lands (Inform)***

1 p.m.–3 p.m.

WORKSHOP 

ROOM 110AB

Funding Your Mitigation Project

2:15–3:15 p.m.

WORKSHOP  

ROOM 120

Tips to Ensure a Smooth Mitigation Bank Sale Transaction

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- 2:15–3:15 p.m. **WORKSHOP**    **ROOM 100DE**
Training 101: RIBITS Part 2 — Reporting Tools
Bring your own wi-fi enabled laptop. No login permissions required.
- 3:15 p.m.–5 p.m. **WORKING GROUP**    **ROOM 130**
PART II: Continuation: Walking the Path to For-Profit Mitigation on Public Lands (Working Group)
- 3:30–4:30 p.m. **WORKSHOP**    **ROOM 100DE**
Training 101: RIBITS Part 3 — Finding Credits
Bring your own wi-fi enabled laptop. No login permissions required.
- 3:30 p.m.–5 p.m. **WORKSHOP**  **ROOM 100C**
Sales & Marketing Roundtables
- 5:30–6:30 p.m. **Invest Connect by Bank Tank (limited spots)**  **ROOM 110AC**

Tuesday, May 3, 2022

- 7:30 a.m.–12 p.m. **FIELD CLASSROOM 2. Soda Fire & Sage Grouse**  **BUS DEPARTS AT 7:30 A.M.**
HOSTED BY Bureau of Land Management and U.S. Fish and Wildlife Service (7:15 a.m. on Front Street side of Boise Centre)
Grab & Go Breakfast provided
- 8 a.m.–12 p.m. **WORKSHOP**   **ROOM 100DE**
Intermediate Training Pilot: IRT Review Workbooks 2 – ILF Program Instrument Example
For those already familiar with the IRT Review Process.
- 8:30–11:30 a.m. **FIELD CLASSROOM 3: Boise River Wildlife Management Area**  **BUS DEPARTS AT 8:30 A.M.**
HOSTED BY Idaho Department of Fish and Game and Idaho Department of Transportation (8:15 am on Front Street side of Boise Centre)
Grab & Go Breakfast provided
- 8:30 a.m.–10 a.m. **WORKSHOP**    **ROOM 130**
Training 102 Intermediate: Conservation and Species Banking

NMEBC 2022 – THE ENVIRONMENTAL MARKETS CONFERENCE

TUESDAY, MAY 3 (CONTINUED)

FOR MORE SESSION DETAILS, SEE AGENDA AT WWW.MITIGATIONBANKINGCONFERENCE.COM

- | | | |
|--------------------|---|-------------------|
| 8:30 a.m.–10 a.m. | WORKSHOP   | ROOM 120 |
| | <i>Training 102 Intermediate: Stream Mitigation Banking</i> | |
| 10:30 a.m.–12 p.m. | WORKSHOP    | ROOM 130 |
| | <i>Convergence of Wetland Science & Technology: 21st Century Wetland Mitigation Tools</i> | |
| 10:30 a.m.–12 p.m. | WORKSHOP   | ROOM 120 |
| | <i>Intro to Oregon's Function-based Mitigation Accounting for Streams and Wetlands</i> | |
| 12 p.m.–1 p.m. | Lunch (on your own) | |
| 1 p.m.–2 p.m. | WORKSHOP   | ROOM 120 |
| | <i>Approaches to Acquiring Habitat Mitigation Through Request for Proposals (RFP): A Case Study for California Tidal Marsh</i> | |
| 1 p.m.–2 p.m. | WORKSHOP    | ROOM 100DE |
| | <i>Training 101: RIBITS Part 4 — For Regulators</i> | |
| | Bring your own wi-fi enabled laptop. Administrator or Regulatory Bank Manager login recommended for this session, but welcome to observe. | |
| 1 p.m.–3 p.m. | WORKSHOP    | ROOM 130 |
| | <i>Nuts and Bolts of Multi-Benefit Mitigation Banks</i> | |
| 2:15–3:15 p.m. | WORKSHOP    | ROOM 100DE |
| | <i>Training 101: RIBITS Part 5 — Understanding ILF Program Ledgers in RIBITS</i> | |
| | Bring your own wi-fi enabled laptop. No login permissions required | |
| 2:15–3:45 p.m. | WORKSHOP   | ROOM 120 |
| | <i>Avoiding Regulator and Banker Pitfalls in Collaborating with Accredited Land Trusts</i> | |

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- 4 p.m.–5:15 p.m. **National Environmental Banking Association’s Industry Update and Annual Meeting**  **ROOM 130**
- 4 p.m.–5:15 p.m. **State Regulator Meeting** (not recorded but virtual access)   **ROOM 110D**
- 4 p.m.–5:15 p.m. **Transportation Forum (DOTs and Others)**  **100DE**
- 4 p.m.–5:15 p.m. **U.S. Army Corps of Engineers Meeting**  **110AC**
- 5:30–6:30 p.m. **Networking Kick-off for First-time Attendees**  **ROOM 120**
For first-time attendees only. Get the lay of the conference and connect with other first-timers.

Wednesday, May 4, 2022

- 7 a.m.–8 a.m. **Networking Continental Breakfast in EXHIBITS**  **ROOM 100B**
- 8 a.m.–9:30 a.m. **BANKER FORUM**  **ROOM 100A**
For Wetland, Stream and Conservation Bankers, Business Providers, Consultants and Investors only. *Brief report of the forum given at beginning of Friday’s Policy Roundtable.*
- 8 a.m.–9:30 a.m. **CLIENT / CUSTOMER FORUM**   **ROOM 100DE**
For clients or users of mitigation only. *Brief report of the forum given at beginning of Friday’s Policy Roundtable.*
- 8 a.m.–9:30 a.m. **ILF PROVIDER FORUM**   **ROOM 130**
For ILF providers only. *Brief report of the forum given at beginning of Friday’s Policy Roundtable.*
- 8 a.m.–9:30 a.m. **REGULATOR FORUM**  **ROOM 120**
For Regulators only (those who serve on the IRT). *Brief report of the forum given at beginning of Friday’s Policy Roundtable.*
- 9:30 a.m.–9:45 a.m. **Networking Break in EXHIBITS**  **ROOM 100B**
- 9:45 a.m.–11 a.m. **GENERAL SESSION**    **ROOM 100A**
WELCOME & OPENING PANEL
MODERATOR: **Greg Sutter**, Vice President Emeritus, Westervelt Ecological Services, Sacramento, CA
Panel to be Announced

FOR MORE SESSION DETAILS, SEE AGENDA AT WWW.MITIGATIONBANKINGCONFERENCE.COM

11–11:30 a.m. **Networking Break with Exhibits – Grab a Box Lunch** **ROOM 100B**

11:30 a.m.–12:45 p.m. **CONCURRENT FACILITATED DISCUSSIONS**

TOPIC A: Variable Performance Standards for Mitigation    **ROOM 100DE**

TOPIC B: Compensatory Mitigation Process for Tribal Nations    **ROOM 130**

TOPIC C: Concept to Close Out – The Consultant/Sponsor Relationship  **ROOM 110**

TOPIC D: Conversations on Species Credits  **ROOM 120**

1 p.m.–2:30 p.m. **GENERAL SESSION**    **ROOM 100A**

STATUS AND TRENDS

FACILITATOR: **Brian Topping**, Environmental Protection Specialist, U.S. Environmental Protection Agency, Washington, DC

Third-Party Mitigation Activity, 2008-2020.

Michelle L. Mattson, Restoration Ecologist/Compensatory Mitigation SME, USACE Institute for Water Resources, Alexandria, VA

Industry Update

Joseph Williams, Assistant Director of Markets, Ecosystem Investment Partners, Baltimore, MD

Species and Conservation Banking Activity

Jason Miller, Fish and Wildlife Biologist, Branch of Environmental Review, U.S. Fish and Wildlife Service, Washington, DC

Research and Findings from Compiling HCP Cost Data Nationwide

Christian Newman, Technical Executive, Electric Power Research Institute (EPRI), Gainesville, FL

2:30–3 p.m. **Networking Break in EXHIBITS**  **ROOM 100B**

3 p.m.–4:15 p.m. **GENERAL SESSION**    **ROOM 100A**

COMPENSATORY MITIGATION PRACTICES

MODERATOR: **George Platt**, General Counsel, The Wetlandsbank Group, Plantation, FL

Long-term Protection of Compensatory Mitigation Sites – Equivalency Across Mitigation Providers?

Royal Gardner, Professor of Law and Director
Institute for Biodiversity Law and Policy, Stetson University College of Law, Gulfport, FL
and

Erin Okuno, Professor of Legal Writing and Lecturer in Law
University of Miami School of Law, Coral Gables, FL

(co-author: Katherine Pratt, Foreman Biodiversity Fellow, Institute for Biodiversity Law and Policy, Stetson University College of Law, St. Petersburg, FL)

USACE Report on Internal Audit

Andy Beaudet, Program Manager, U.S. Army Corps of Engineers, Washington, DC

4:15–4:30 p.m. **Networking Break in EXHIBITS**  **ROOM 100B**

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THURSDAY, MAY 5 (CONTINUED)

FOR MORE SESSION DETAILS, SEE AGENDA AT WWW.MITIGATIONBANKINGCONFERENCE.COM

4:30–5:45 p.m.

GENERAL SESSION   

ROOM 100A

THE ROLE OF HCPs in CONSERVATION AND SPECIES BANKING

MODERATOR: **Travis Hemmen**, President and General Manager, Westervelt Ecological Services

PANELISTS:

David Zippin, PhD, Vice President and Practice Leader, Habitat Conservation Planning and Implementation, ICF, Carmel Valley, CA

Heather Pace Dyer, CEO/General Manager, San Bernardino Valley Municipal Water District, San Bernardino, CA

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

Karin Cleary-Rose, Inland Division Supervisor, Palm Springs U.S. Fish and Wildlife Service Office, Palm Springs, CA

5:45–7:30 p.m.



WELCOME RECEPTION



ROOM 100B

HOSTED BY PLATINUM & GOLD SUPPORTERS



Weyerhaeuser

Thursday, May 5, 2022

7:30–8:30 a.m.

Networking Continental Breakfast in EXHIBITS 

ROOM 100B

8:30–10 a.m.

CONCURRENT SESSIONS

SESSION 1   

ROOM 100DE

Climate Impact and Resiliency Solutions

SESSION 2  

ROOM 130

Tidal and Marine Offsets and NRDA

SESSION 3  

ROOM 120

Stream Mitigation Compensation Tools & Resources

SESSION 4  

ROOM 110AC

Mitigation in the Pacific Northwest



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10–10:30 a.m.	Networking Break in EXHIBITS 	<u>ROOM 100B</u>
10:30–11:45 a.m.	CONCURRENT SESSIONS	
	SESSION 5   	<u>ROOM 100DE</u>
	<i>Nature- Based Solutions for Disaster Mitigation & Socio-Economic Considerations</i>	
	SESSION 6   	<u>ROOM 130</u>
	<i>Alternative Stream Restoration Methods — Dammed if You Do; Dammed if You Don't!</i>	
	SESSION 7  	<u>ROOM 120</u>
	<i>Mitigation on Public Lands</i>	
	SESSION 8  	<u>ROOM 110AC</u>
	<i>In-Lieu of Fee Programs: Lessons Learned</i>	
11:45 a.m.–1:30 p.m.	GENERAL SESSION   	<u>ROOM 100A</u>
	LUNCH PANEL: LEGAL, LEGISLATIVE & POLICY UPDATE	
	MODERATOR: Sara L. Johnson , Executive Director, Ecological Restoration Business Association, Tysons, VA	
	PANELISTS:	
	Michael Powelson , Affiliate, Natural Resource Results, Washington, DC	
	Royal Gardner , Professor of Law and Director, Institute for Biodiversity Law and Policy, Stetson University College of Law, Gulfport, FL	
2 p.m.–3:30 p.m.	CONCURRENT SESSIONS	
	SESSION 9   	<u>ROOM 100DE</u>
	<i>Risk Management for the Regulator and the Banker</i>	
	SESSION 10   	<u>ROOM 130</u>
	<i>Sage Grouse</i>	
	SESSION 11  	<u>ROOM 120</u>
	<i>Emerging Opportunities and Trends</i>	
	SESSION 12  	<u>ROOM 110AC</u>
	<i>Compensatory Mitigation Case Studies</i>	

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3:30 p.m. –4 p.m. **Networking Break in EXHIBITS**  **ROOM 100B**

4 p.m.–5:30 p.m. **GENERAL SESSION**    **ROOM 100A**

ROLES OF STATES IN MITIGATION AND RESTORATION

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

PANELISTS:

Suzanne E. Dorsey, Assistant Secretary, Maryland Department of the Environment, Baltimore, MD

Bob Budd, Executive Director, Wyoming Wildlife and Natural Resource Trust, Cheyenne, WY

Friday, May 6, 2022

7:30 a.m. (opens) **Networking Breakfast** **EAST BOISE CENTRE – ROOM 400**

8:30–10:30 a.m. **GENERAL SESSION**    **EAST BOISE CENTRE – ROOM 400**

McGEORGE GROUP POLICY ROUNDTABLE

New! Begins with brief reports by the forums held earlier on the program (Banker, ILF Provider, Regulator and Client/User Forums) to inform attendees. McGeorge takes it from there, drawing insights on policy and more in this engaging roundtable of regulators.

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

PANELISTS:

David Jenkins, Assistant Director, Resources and Planning, Bureau of Land Management, Grand Junction, CO

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

Angela Somma, Chief, Endangered Species Division, NOAA National Marine Fisheries Service, Silver Spring, MD

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

11 a.m.–4:30 p.m. **FIELD CLASSROOM 4. FORT BOISE**  **BUS DEPARTS AT 11 A.M.**
River Wildlife Management Area (10:45 am on Front Street side of Boise Centre)

HOSTED BY

Idaho Department of Fish and Game

Box Lunch provided