EMC 2024 APRIL 29-MAY 2 • PITTSBURGH, PA



DIAMOND









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BEAVER CREEK HYDROLOGY































AGENDA

SEE APP & ONLINE AGENDA FOR DETAILS AND ROOM ASSIGNMENTS. PROGRAM IS SUBJECT TO CHANGE.

DAY 1 • MONDAY, APRIL 29

ON DEMAND PRESENTATIONS

Pre-recorded for on-demand access. Reach out to presenters via EMC App or connect with them on Tuesday, April 30 at 12:30–1:45 p.m. during Expert-Led and On-Demand Presenter Topic Tables.

Leveraging the Voluntary Carbon Market to Protect & Restore Urban Forests Sandra Albro, Senior Associate Consultant, Urban Forestry, Davey Resource Group, Inc.

Long-term Management: Best Practices and Lessons Learned Andrew Cawley, Mitigation Banking Project Manager, Manzanita Consulting

Mining Bat-Wind HCPs to Characterize the Potential Regulatory Compliance Costs Katie C. Surrey, Species and Ecosystem Scientist Electric Power Research Institute (Co-Presenter: Christian Newman, Technical Executive, Electric Power Research Institute)

Multi-jurisdictional Mitigation Bank Ledger Management: Tales from the Front Lines Marlene Tyner-Valencourt, Senior Conservation Project Manager, WRA, Inc.

Soil eDNA as a Decision-making Tool for Compensation Planting Areas Rachel Mador-House, Head of Scientific Affairs North America, NatureMetrics, Canada

7:30 a.m.-12:30 p.m. 101 Basics of Compensatory Mitigation ?

This 1/2 day workshop is ideal for those new to or exploring compensatory mitigation. Includes introduction to Mitigation & Conservation Banking, ILFs and PRMs / Implementation: Site Selection, Site Design, Entitlement Development/ Business of Banking: Market Conditions, Financials, Sales and Marketing.

Mitigation Bank and ILF Review Workbooks Training 8 a.m.-12 p.m.

> A hands-on training workshop to assist mitigation providers and IRT members in the review of third-party mitigation programs and projects. Facilitated by EPA and ACE, small mixed stakeholder groups (regulators, resource agencies, providers, consultants, etc.) will use the workbooks and checklists to review portions of existing bank and ILF program instruments and then report their findings back to the larger group. This training is intermediate level and not for those new to compensatory mitigation.

Land Asset Explore \$\varphi\$ 8:30-10 a.m.

> Designed specifically for landowners of private and public lands under consideration for environmental market opportunities. Learn foundational information, guidance and key insights into environmental markets and advance your overall understanding of risk-aware decision-making across environmental market options.

FLIVE STREAM & RECORDED

VIN-PERSON ONLY-NO RECORDING (ALL OTHER SESSIONS AUDIO RECORDED)

EMC 2024 - THE ENVIRONMENTAL MARKETS CONFERENCE **MONDAY, APRIL 29 (CONTINUED)**

Noon – 1 p.m. Lunch Break (on your own)

FIELD VISITS

12:45 -5:30 p.m. (bus loads @ 12:30) FIELD VISIT: Upper Ohio Mitigation Bank & Tuscarawas Mitigation Bank (Box lunch provided)

HOSTED BY Ecosystem

1-4 p.m.

FIELD TOUR: Urban and Environmental Justice Area Tour

(bus loads @ 12:45)

HOSTED BY

BREAKOUTS

1-2 p.m.

1A. RIBITS for Bank Sponsors 🖤

2-3 p.m.

1B. Understanding ILF Program Ledgers in RIBITS 🖤

1-2:30 p.m.

CONCURRENT BREAKOUTS

2. Dam Removal: Banks and RGL 18-01 ?

3. Conservation Banking 102 - Emerging Regulatory Foundation

4. Funding Your Mitigation Project

3-4 p.m.

CONCURRENT BREAKOUTS

5. The Federal Highway Administration's Role in Supporting Mitigation

in States 🕏

6. Legal Considerations. Hydrologic Trespass and Nuisance

Considerations in Environmental Mitigation Projects

7. Mining and Environmental Markets

8. Cultural Resources Considerations for Mitigation Bank and

In-Lieu Fee Program Proposals

4:15-5:30 pm. CONCURRENT BREAKOUTS

9. MS4 Programs Across the States 🛜

10. Considerations for Mitigation and Restoration Projects

11. 101 on Long-Term Management

12. Watershed Scale Restoration – Robinson Fork Mitigation Bank

Case Study

13. Sales & Marketing Roundtables 🖤

First Time Attendee Connect 5:30-6:30 p.m.

BAKER

EMC 2024 - THE ENVIRONMENTAL MARKETS CONFERENCE

DAY 2 * TUESDAY, APRIL 30

8 a.m.-12 p.m. **Exhibit Setup**

8:30 a.m.-12:30 p.m. FIELD VISIT: Tomlinson Run Mitigation Bank

(bus loads @ 8:15)

FACILITATED DIALOGUE 8:30 a.m.-12 p.m.

Offshore Wind – The New Frontier in Compensatory Mitigation

8:30-9:45 a.m. **CONCURRENT BREAKOUTS**

> 14. Emerging Trends in DOT Mitigation Opportunities, Challenges and Meeting Sustainability Goals ?

15. Water Quality Markets

16. Army Corps of Engineers Implementation of RGL 19-01 ?

CONCURRENT BREAKOUTS 10:15-11:30 a.m.

17. Compensatory Mitigation Markets in PA, OH and WVA 🕏

18. Wildfire Mitigation Efforts

19. Restoration in Environmental Justice Communities 🛜

Light Lunch Snack in Exhibits 12 p.m.

12:30 p.m.-1:45 p.m. **CONCURRENT BREAKOUTS**

20. Expert-Led and On-Demand Presenter Topic Tables

21. IT Infrastructure for Co-Benefits Accounting and Supplementary Credits Origination ?

22. Intro to Carbon Markets

23. E-DNA: Exploring Environmental DNA for Mitigation &

Environmental Markets ?

24. 404 Solutions for Natural Resource Damage Assessment (NRDA)

Mitigation

SMALL FORUMS AND MEETINGS 2-3:30 p.m.

Bankers & NGOs: Expanding and Improving Partnerships

U.S. Army Corps of Engineers Meeting (ACE staff)

Transportation Meeting (DOT/Railroad/Airport/Ports) State Regulator Meeting (State Regulator staff)

FORUMS 4-5:30 p.m.

Banker / Provider / Developer of Offsets Forum

Consumers / Buyers of Offsets Forum

In Lieu of Fee Provider Forum Meeting (ILFs_only) Regulator Forum Meeting (Regulator Staff)

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EMC 2024 - THE ENVIRONMENTAL MARKETS CONFERENCE

DAY 3 * WEDNESDAY, MAY 1

7:30-8:30 a.m. Light Continental Breakfast in Exhibits

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8:30-9:15 a.m.

MAIN STAGE: KEYNOTE ADDRESS

MODERATOR: George Kelly, CEO, Earth Recovery Partners

WELCOME KEYNOTE

Lisa Schroeder, President and CEO, The Pittsburgh Foundation

9:15-9:30 a.m. Networking Break in Exhibits

MAIN STAGE: CURRENT AND EMERGING TRENDS 9:30-10:45 a.m.

MODERATOR: Palmer Hough, Environmental Scientist, U.S. Environmental

Protection Agency, Washington, DC

Mitigation Market Activity in an Uncertain Regulatory Environment

Steven Martin, Mitigation Specialist

3rd Party Compensatory Mitigation Report

Michelle L. Mattson, Ecologist/Compensatory Mitigation SME Institute for Water Resources, U.S. Army Corps of Engineers

Conservation Banking: Status and Trends

Jason Miller, Fish and Wildlife Biologist, Branch of Environmental Review

U.S. Fish and Wildlife Service

Status of the Carbon Market

Genevieve Bennett, Director, Forest Trends

10:45-11 a.m. Networking Break in Exhibits

CONCURRENT BREAKOUTS 11 a.m.-12:15 p.m.

25. Mitigation Options for Corps Civil Works Projects ?

26. Emerging Opportunities on Public Lands 27. Agriculture and Environmental Markets ?

28. Innovative Monitoring for Performance Standards

Grab a Box Lunch in Exhibits and Join the Session 12:15 p.m.

SANDY CREEK

MAIN STAGE: Streamlining Restoration Permitting ? 12:30-1:45 p.m.

MODERATORS:

Becca Madsen, Director, Restoration Economy Center, Environmental Policy

Innovation Center

G. Braiden Chadwick, Partner, Mitchell Chadwick

PANELISTS:

Sara L. Johnson, Executive Director

Ecological Restoration Business Association

Mike Rolband, PE, PWD, PWS Emeritus, Director Virginia Department of Environmental Quality

Meghan Hertel, M.A., Deputy Secretary of Biodiversity and Habitat

California Natural Resources Agency

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EMC 2024 - THE ENVIRONMENTAL MARKETS CONFERENCE WEDNESDAY, MAY 1 (CONTINUED)

1:45–2 p.m. Networking Break in Exhibits

2–3:15 p.m. CONCURRENT BREAKOUTS

29. Stream Mitigation Protocols and Dynamic Stream Valleys 🕏

30. Estuarine and Marine Markets

31. Ensuring Long-Term Success in Long-term Stewardship 🛜

32. INVEST CONNECT w/FIRESIDE CHAT:

Trends in Capital Partnerships

3:15–3:30 p.m. Networking Break in Exhibits

3:30-4:15 p.m. MAIN STAGE: Fireside Chat with CFTC ?

MODERATOR: Michael Hare, Director, Government Affairs, Resource

Environmental Solutions

Summer Mersinger, Commissioner

Commodities Futures Trading Commission

4:15–4:30 p.m. Networking Break in Exhibits

4:30-5:45 p.m. MAIN STAGE: Policy Roundtable ?

MODERATOR:

Timothy Male, Executive Director, Environmental Policy

Innovation Center

PANELISTS:

Jennifer Moyer, Chief, Regulatory Program

U.S. Army Corps of Engineers

Stacey Jensen, Director, Oceans, Wetlands and Communities Division

U.S. Environmental Protection Agency

Craig W. Aubrey, Acting Deputy Assistant Director for Programs, Ecological

Services Program, U.S. Fish and Wildlife Service

Angela Somma, Chief, Endangered Species Division

NOAA National Marine Fisheries Service

Sharif Branham, Assistant Director for Resources and Planner U.S. Department of the Interior Bureau of Land Management

Maria K. Wiseman, Senior Policy Advisor for Climate and the Environment

U.S. Department of the Interior

5:45-7:15 p.m. WELCOME RECEPTION IN EXHIBITS, Hosted by











mac shropshire

FORREST | KEELING

EMC 2024 - THE ENVIRONMENTAL MARKETS CONFERENCE

DAY 4 * THURSDAY, MAY 2

Light Continental Breakfast in Exhibits 7:30-8:30 a.m.

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CONCURRENT BREAKOUTS 8:30-9:45 a.m.

33. Biodiversity Crediting: Lessons and The Path Forward 🛜

34. Improving Stream & Wetland Banking and Mitigation

35. Exploring Opportunities with Tribal & Indigenous Communities 🛜

36. TECH CONNECT (submit interest when registering)

Networking Break in Exhibits 9:45-10 a.m.

MAIN STAGE: Green Finance & Emerging Trends ? 10-11 a.m.

MODERATOR: George Kelly, CEO, Earth Recovery Partners

PANELISTS:

Morrison Mast, Sr. Director for International Programs

Blue Forest

Richard Speak, Founder and Managing Director

Finance Earth, UK

Emma Toovey, Chief Ecology Officer

Environment Bank, UK

Anne McEnany, Senior Program Officer

Innovaciones iAlumbra

Brittany Salas, Founder

NyxCarbon

Grab Lunch and Join the Session 11 a.m.



11:30 a.m.-12:15 p.m. MAIN STAGE: Legislative and Policy Update ?

Sara L. Johnson, Executive Director, Ecological Restoration

Business Association

12:15-12:30 p.m. Networking Break in Exhibits



CONCURRENT BREAKOUTS 12:30-1:45 p.m.

37. Mobilizing Funding for Climate Resiliency ?

38. Species and Habitat Banking and Credit Markets

39. Forestry Sector Trends and Environmental Markets 🕏

40. Progress in Streamlining Permitting: Before and After

Networking Break in Exhibits 1:45-2 p.m.





EMC 2024 - THE ENVIRONMENTAL MARKETS CONFERENCE THURSDAY, MAY 2 (CONTINUED)

2-3 p.m. MAIN STAGE: Customer Roundtable — Emerging Trends

MODERATOR: Joseph Williams, Assistant Director of Markets, Ecosystem

Investment Partners

PANELISTS:

Emily Coyner, Senior Director, Environmental Policy

National Stone Sand and Gravel Association

Richard L. Darden, Ecologist, Federal Highway Administration

Sean Connolly, Assistant Director Environmental Services

South Carolina Department of Transportation

Adam Pugh, Program Manager, Environmental Policy

National Association of Home Builders

3-3:15 p.m. Networking Break in Exhibits



3:15-4:30 p.m. MAIN STAGE: State Roundtable

Navigating Post-Sackett, Climate, and More ?

MODERATOR: Ben Grumbles, Executive Director, Environmental Council of States

PANELISTS:

Laura Watson, Director

Washington Department of Ecology

Mike Rolband, PE, PWD, PWS Emeritus, Director Virginia Department of Environmental Quality

Suzanne E. Dorsey, Director, Deputy Secretary Maryland Department of the Environment

Craft Brew Closing Social w/Prizes in Exhibits! 4:30-5:30 p.m.























6:00-8:00 p.m. **Exhibit Breakdown**

STEERING COMMITTEE

Jody Bickel, Creekbank Associates Kari Cohen, Nine Steps Consulting Emily Coyner, National Stone, Sand & Gravel Association Richard Darden, Federal Highway Administration Jonas Epstein, U.S. Forest Service Ben Guillon, Conservation Investment Management Michael Hare, Resource Environmental Solutions Travis Hemmen, Westervelt Ecological Services Palmer Hough, U.S. Environmental Protection Agency George Kelly, Earth Recovery Partners Michelle Mattson, U.S. Army Corps of Engineers Deborah Mead, Bureau of Land Management Jason Miller, U.S. Fish and Wildlife Service Nick Morgan, The Conservation Fund Dave Olson, U.S. Army Corps of Engineers George Platt, The Wetlandsbank™ Company, LLC Adam Pugh, National Home Builders Association Michael Ruth, Federal Highway Administration Robert Spoth, Ecosystems Insurance Associates, LLC Susan-Marie Stedman, NOAA National Marine Fisheries Service Gray Stevens, Sandy Creek Partners David Urban, Ecosystem Investment Partners Corrie Veenstra, Federal Railroad Administration Shaun Vickers, Natural Resources Conservation Service, USDA

REGIONAL ADVISORS

Sean Connolly, South Carolina Department of Transportation
Ikumi Doucette, Bureau of Land Management
Matt Gilbert, U.S. Army Corps of Engineers
David Goerman, Jr., Pennsylvania Department of Environmental Protection
Greg Good, The Conservation Fund
Katherine (Kat) Kent, U.S. Environmental Protection Agency, Region 3
Steve Martin, Mitigation SME
Christine Mazzarella, U.S. Environmental Protection Agency, Region 3
David L. O'Brien, NOAA Fisheries Service
Greg Good & Kyle Shenk, The Conservation Fund

THANK YOU to our GREEN SUPPORTERS & CO-SUPPORTERS!















