# EMC 2024 APRIL 29-MAY 2 • PITTSBURGH, PA



DIAMOND



# 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 ᅙ

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.

#### 8 a.m.–12 p.m. Mitigation Bank and ILF Review Workbooks Training 🖤

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.

8:30–10 a.m.

#### Land Asset Explore

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.

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#### 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 Investment Partners

1–4 p.m. (bus loads @ 12:45)

FIELD TOUR: Urban and Environmental Justice Area Tour



#### BREAKOUTS

| 1-2 p.m.<br>2–3 p.m. | 1A. RIBITS for Bank Sponsors 🖗<br>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 🖗 Sandy CREEK   |
| 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<br>Considerations in Environmental Mitigation Projects |
|                      | 7. Mining and Environmental Markets  |
|                      | 8. Cultural Resources Considerations for Mitigation Bank and<br>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: Planning and Funding  |
|                      | 12. Watershed Scale Restoration – Robinson Fork Mitigation Bank<br>Case Study                                    |
|                      | 13. Sales & Marketing Roundtables 🖗  |
| 5:30–6:30 p.m.       | First Time Attendee Connect  |
|                      | BAKER  |

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## DAY 2 + TUESDAY, APRIL 30

|  | ,   |
|--|---|
| 8 a.m.–12 p.m.                             | Exhibit Setup   |
| 8:30 a.m.–12:30 p.m.<br>(bus loads @ 8:15) | FIELD VISIT: Tomlinson Run Mitigation Bank  |
| 8:30 a.m.–12 p.m.                          | <b>FACILITATED DIALOGUE</b><br>Offshore Wind – The New Frontier in Compensatory Mitigation 🖗  |
| 8:30–9:45 a.m.                             | CONCURRENT BREAKOUTS  |
|  | <ul> <li>14. Emerging Trends in DOT Mitigation<br/>Opportunities, Challenges and Meeting Sustainability Goals</li> <li>15. Water Quality Markets</li> </ul>   |
|  | 16. Army Corps of Engineers Implementation of RGL 19-01 🛜   |
| 10.15 11.20                                | 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 🛜  |
| 12 p.m.                                    | Light Lunch Snack in Exhibits 🔍   |
| 12:30 p.m.–1:45 p.m.                       | CONCURRENT BREAKOUTS  |
|  | 20. Expert-Led and On-Demand Presenter Topic Tables $\widehat{m igstyle v}$   |
|  | 21. IT Infrastructure for Co-Benefits Accounting and Supplementary<br>Credits Origination   |
|  | 22. Intro to Carbon Markets   |
|  | 23. E-DNA: Exploring Environmental DNA for Mitigation & Environmental Markets î   |
|  | 24. 404 Solutions for Natural Resource Damage Assessment (NRDA)<br>Mitigation   |
| 2–3:30 p.m.                                | SMALL FORUMS AND MEETINGS<br>Bankers & NGOs: Expanding and Improving Partnerships<br>U.S. Army Corps of Engineers Meeting (ACE staff)<br>Transportation Meeting (DOT/Railroad/Airport/Ports)<br>State Regulator Meeting (State Regulator staff) |
| 4–5:30 p.m.                                | FORUMS<br>Banker / Provider / Developer of Offsets Forum<br>Consumers / Buyers of Offsets Forum<br>In Lieu of Fee Provider Forum Meeting (ILFs only)<br>Regulator Forum Meeting ( <i>Regulator Staff</i> )                                      |
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# DAY 3 • WEDNESDAY, MAY 1

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| <b>RE</b> LIVE STREAM & RE | CORDED N-PERSON ONLY-NO RECORDING (ALL OTHER SESSIONS AUDIO RECORDED   |
|                            | Meghan Hertel, M.A., Deputy Secretary of Biodiversity and Habitat California Natural Resources Agency  |
|                            | Mike Rolband, PE, PWD, PWS Emeritus, Director<br>Virginia Department of Environmental Quality  |
|                            | PANELISTS:<br>Sara L. Johnson, Executive Director<br>Ecological Restoration Business Association   |
|                            | MODERATORS:<br>Becca Madsen, Director, Restoration Economy Center, Environmental Policy<br>Innovation Center<br>G. Braiden Chadwick, Partner, Mitchell Chadwick                      |
| 12:30–1:45 p.m.            | MAIN STAGE: Streamlining Restoration Permitting  |
| 12:15 p.m.                 | Grab a Box Lunch in Exhibits and Join the Session SANDY CREEK  |
|                            | 28. Innovative Monitoring for Performance Standards  |
|                            | 27. Agriculture and Environmental Markets 🛜  |
|                            | 26. Emerging Opportunities on Public Lands   |
| 11 a.m.–12:15 p.m.         | 25. Mitigation Options for Corps Civil Works Projects  |
|                            | CONCURRENT BREAKOUTS   |
| 10:45–11 a.m.              | Genevieve Bennett, Director, Forest Trends<br>Networking Break in Exhibits   |
|                            | Status of the Carbon Market  |
|                            | <b>Conservation Banking: Status and Trends</b><br>Jason Miller, Fish and Wildlife Biologist, Branch of Environmental Review<br>U.S. Fish and Wildlife Service                        |
|                            | <b>3rd Party Compensatory Mitigation Report</b><br><b>Michelle L. Mattson</b> , Ecologist/Compensatory Mitigation SME<br>Institute for Water Resources, U.S. Army Corps of Engineers |
|                            | Mitigation Market Activity in an Uncertain Regulatory Environment<br>Steven Martin, Mitigation Specialist  |
| 9:30–10:45 a.m.            | MAIN STAGE: CURRENT AND EMERGING TRENDS <b>?</b><br>MODERATOR: <b>Brian Topping</b> , Environmental Protection Specialist,<br>U.S. Environmental Protection Agency, Washington, DC   |
| 9:15–9:30 a.m.             | Networking Break in Exhibits   |
|                            | WELCOME KEYNOTE<br>Lisa Schroeder, President and CEO, The Pittsburgh Foundation  |
| 8:30–9:15 a.m.             | MAIN STAGE: KEYNOTE ADDRESS Consultants, Inc.<br>MODERATOR: George Kelly, CEO, Earth Recovery Partners   |
| 7:30-8:30 a.m.             | Light Continental Breakfast in Exhibits  |
|                            |  |

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

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|----------------|---|
| 1:45–2 p.m.    | Networking Break in Exhibits  |
| 2–3:15 p.m.    | <ul> <li>CONCURRENT BREAKOUTS</li> <li>29. Stream Mitigation Protocols and Dynamic Stream Valleys</li> <li>30. Estuarine and Marine Markets</li> <li>31. Ensuring Long-Term Success in Long-term Stewardship</li> <li>32. INVEST CONNECT w/FIRESIDE CHAT:<br/>Trends in Capital Partnerships</li> </ul> |
| 3:15–3:30 p.m. | Networking Break in Exhibits  |
| 3:30–4:15 p.m. | MAIN STAGE: Fireside Chat with CFTC ?<br>MODERATOR: Michael Hare, Director, Government Affairs, Resource<br>Environmental Solutions<br>Summer Mersinger, Commissioner<br>Commodities Futures Trading Commission   |
| 4:15-4:30 p.m. | Networking Break in Exhibits  |
| 4:30–5:45 p.m. | MAIN STAGE: Policy Roundtable 🙃<br>MODERATOR:<br>Timothy Male, Executive Director, Environmental Policy<br>Innovation Center  |
|                | PANELISTS:<br>Jennifer Moyer, Chief, Regulatory Program<br>U.S. Army Corps of Engineers   |
|                | <b>Craig W. Aubrey</b> , Acting Deputy Assistant Director for Programs, Ecological Services Program, U.S. Fish and Wildlife Service   |
|                | Angela Somma, Chief, Endangered Species Division<br>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

# SANDY CREEK PARTNERS







Civil & Environmental Consultants, Inc.



# DAY 4 + THURSDAY, MAY 2

|                       | ·  |
|-----------------------|--|
| 7:30–8:30 a.m.        | Light Continental Breakfast in Exhibits  |
| 8:30–9:45 a.m.        |  |
|                       | 33. Biodiversity Crediting: Lessons and The Path Forward $\widehat{f \hat{v}}$                         |
|                       | 34. Improving Stream & Wetland Banking and Mitigation  |
|                       | 35. Exploring Opportunities with Tribal & Indigenous Communities $\widehat{f r}$                       |
|                       | 36. TECH CONNECT (submit interest when registering)  |
| 9:45–10 a.m.          | Networking Break in Exhibits   |
| 10–11 a.m.            | MAIN STAGE: Green Finance & Emerging Trends ?<br>MODERATOR: George Kelly, CEO, Earth Recovery Partners |
|                       | PANELISTS:   |
|                       | <b>Morrison Mast</b> , Sr. Director for International Programs<br>Blue Forest                          |
|                       | <b>Richard Fitton</b> , Investment Director<br>Finance Earth, UK                                       |
|                       | <b>Emma Toovey</b> , Chief Ecology Officer<br>Environment Bank, UK                                     |
|                       | Anne McEnany, Senior Program Officer<br>Innovaciones iAlumbra  |
|                       | Brittany Salas, Founder<br>NyxCarbon   |
| 11 a.m.               | Grab Lunch and Join the Session  |
| 11:30 a.m.–12:15 p.m. | MAIN STAGE: Legislative and Policy Update ᅙ  |
|                       | Sara L. Johnson, Executive Director, Ecological Restoration<br>Business Association                    |
|                       | Michael Hare, Director, Government Affairs, RES  |
| 12:15–12:30 p.m.      | Networking Break in Exhibits   |
| 12:30–1:45 p.m.       | CONCURRENT BREAKOUTS   |
|                       | 37. Mobilizing Funding for Climate Resiliency ᅙ  |
|                       | 38. Species and Habitat Banking and Credit Markets   |
|                       | 39. Forestry Sector Trends and Environmental Markets ᅙ   |
|                       | 40. Progress in Streamlining Permitting: Before and After  |
| 1:45–2 p.m.           | Networking Break in Exhibits   |
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#### EMC 2024 – THE ENVIRONMENTAL MARKETS CONFERENCE THURSDAY, MAY 2 (CONTINUED)

| 2–3 p.m.                  | <ul> <li>MAIN STAGE: Customer Roundtable — Emerging Trends </li> <li>MODERATOR: Joseph Williams, Assistant Director of Markets, Ecosystem<br/>Investment Partners</li> <li>PANELISTS:</li> <li>Emily Coyner, Senior Director, Environmental Policy<br/>National Stone Sand and Gravel Association</li> <li>Sean Connolly, Assistant Director Environmental Services<br/>South Carolina Department of Transportation</li> <li>Richard L. Darden, Ecologist, Federal Highway Administration</li> <li>Adam Pugh, Program Manager, Environmental Policy<br/>National Association of Home Builders</li> </ul> |
|---------------------------|--|
| 3–3:15 p.m.               | Networking Break in Exhibits   |
| 3:15–4:30 p.m.            | MAIN STAGE: State Roundtable<br>Navigating Post-Sackett, Climate, and More<br>MODERATOR: Ben Grumbles, Executive Director, Environmental Council of States<br>PANELISTS:<br>Laura Watson, Director<br>Washington Department of Ecology<br>Mike Rolband, PE, PWD, PWS Emeritus, Director<br>Virginia Department of Environmental Quality<br>Suzanne E. Dorsey, Deputy Secretary<br>Maryland Department of the Environment   |
| 4:30–5:30 p.m.            | <section-header><section-header><section-header><text><text><image/><image/><image/></text></text></section-header></section-header></section-header>  |
| 6:00–8:00 p.m.            | Exhibit Breakdown  |
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## EERING 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<sup>™</sup> 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!**



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