

2022 Federal Environmental Symposium

(Draft Schedule 03/24/2022)

Day 1: March 28, 2022

Theme: Mission, Environment, and Our Communities

11:00 - 11:30

Keynote Speaker

Andrew Mayock

CEQ's Federal Chief Sustainability Officer

11:30 - 11:45 Break and to Tracks

TIME (All times Eastern)	Track 1 Emerging Chemicals / Management of Toxic Substances	Track 2 Energy and Water Conservation	Track 3 NEPA - Protecting Our Resources
11:45-12:15	1.1 Updating the Emerging Chemical Assessment Process to Address Impacts from Climate Change Kelsey Hendrixson (Noblis, DoD contractor)	2.1 Understanding Solar Photovoltaic System Performance: An Assessment of 75 Federal Photovoltaic Systems Nichole Liebov (DOE/FEMP), Andy Walker (DOE/NREL), Jal Desai (DOE/NREL)	3.1 Section 106 for Non-Practitioners: GSA and CBP Joint Section 106 Training (90 min. Workshop) Liz Mees (GSA), Melissa Wiedenfeld (DHS/CBP contractor)
12:15-12:45	1.2 Accessing Environmental Chemistry Data via Data Dashboards Antony Williams (EPA R3)	2.2 Clean Energy Solutions for Water and Sewer Systems in Remote Alaska Native Communities Dustin Madden (Alaska Native Tribal Health Consortium (ANTHC), contractor to Indian Health Service)	(Workshop 3.1 continues)
12:45-1:15	1.3 Historical Usage of PFAS Linda Gaines (EPA OLEM)	2.3 Combined Facility Geothermal System Utilizing Server Farm Heat Rejection Lt Col Brock Sissel (KS Air National Guard)	(Workshop 3.1 continues)
1:15-1:30	Break	Break	Break
1:30-2:00	1.4 PFAS Activities: Analytical Approaches, Surveillance Testing, and Incident Response Alexander Domesle (USDA/FSIS)	2.4 Panel: Net Zero Laboratory Campus: Digital Twin Provides Pathway for Net Zero Carbon Emissions for National Laboratory Jofrey Quintanar (DOE/ANL)	3.2 Addressing the Effects of Climate Change on Historic Properties Matthew Nowakowski and Dr. Adrienne Lazazzera (USAF)
2:00-2:30	1.5 One Size Doesn't Fit All: A Discussion of Unique Radon Mitigation Approaches for Non-Residential Buildings on Military Installations Rachel Carter MS CHMM (Assisted Management Solutions, Inc., contractor to USN)	2.5 Panel: Net Zero Laboratory Campus: Renewable-Resilient NIEHS – a Path to Net-Zero Energy and Carbon Neutrality Kerri Hartung (DHHS/NIH/NIEHS)	3.3 Department of Defense Clean-up Efforts in Support of Chesapeake Bay Restoration Angela S. Jones (USN)

TIME (All times Eastern)	Track 1 Emerging Chemicals / Management of Toxic Substances	Track 2 Energy and Water Conservation	Track 3 NEPA - Protecting Our Resources
2:30-3:00	1.6 DoD Sustainable Materials Alternatives Selection Tool Michael Bruckner (Noblis, DoD contractor to ODASD(E&ER))	2.6 Optimize the CUP Operation by Advanced Water Treatment Program Andrew Gomes, John Fratangelo, and Chris Lyon (DHHS/NIH), Jason Cook (ChemTreat, Inc., contractor to NIH)	3.4 Meeting the Mission while Preserving the Past: CBP, NEPA, and Section 106 (60 min. Panel) Melissa Wiedenfeld (DHS/CBP contractor), Michelle Brown (DHS/CBP), Dennis Lew (DHS/CBP contractor), Tom Brown (DHS/CBP), Santiago Gala (Puerto Rico SHPO)
3:00-3:30	1.7 Managing Supply Chain Risk Carole Mars (DoD, AAAS S&T Policy Fellow)	2.7 Conducting a Freezer Challenge to Increase Reliability/Reduce Energy Jaroslav Sebek (DHHS/NIH)	(Panel 3.4 continues)
3:30-3:45	Break	Break	Break
3:45-4:15	1.8 PFAS Strategic Roadmap: EPA's Commitments to Action 2021-2024 Susan Burden (EPA HQ)	2.8 Reducing Energy Costs and Carbon Emissions Through Federal Energy Performance Contracts Philip Voss and Jeff Gingrich (DOE/NREL)	3.5 Translating the Chesapeake Bay TMDL Down to the DoD Facility Level Jessica Rodríguez (USN)
4:15-4:45	1.9 An Update on DOE's PFAS Progress Rob Seifert (DOE/EM)	2.9 Organizational and Psychological Barriers to Data Center Decarbonization Nichole Hanus and Alex Newkirk (DOE/LBNL)	3.6 National Environmental Policy Act and Mission Growth at the Idaho National Laboratory James R. Jackson (DOE/INL)
4:45-5:15		2.10 GHG Reductions and California Cap and Trade Nicholas Graves (DOE/LLNL)	
		<u>Note:</u> Energy & Water Conservation (Track 2) continues on Day 4	

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Day 2: March 29, 2022

Theme: Mission, Environment, and Our Communities

TIME (All times Eastern)	Track 4 Sustainability	Track 5 Management Systems	Track 6 Environmental Compliance
11:00 - 11:30	4.1 Electric Vehicles and Infrastructure (Cross-cutting / Macro Issues) Stephanie Gresalfi (GSA Fleet Offering Management Program), Allison Young (USACE/ERDC/CERL)	5.1 ISO's "High Level Structure" - The Framework Uniting Management Systems Peter Therkelsen (DOE/LBNL)	6.1 Environmental Compliance at Federal Facilities Richard Albores (EPA/OECA/FFEO Acting Director)
11:30 - 12:00	(Presentation 4.1 continues)	5.2 My EMS in a Changing World Jimmy Parrish (DLA)	(Presentation 6.1 continues)
12:00-12:15	Break		
12:15-12:45	4.2 Electric Vehicles and Infrastructure (Agency Implementation Perspectives) (60 min. Panel) (Moderator) Atoya McDuffie and Jeanine Smith (DHS Fleet Electrification PMO), Karyn Andersen (DOE/ANL)	5.3 Addressing NASA's Significant Energy Uses Through Enterprise Adoption of 50001 Ready Joan Hughes (NASA), Jerrilyn Goldberg (DOE/LBNL)	6.2 Development of Drain Disposal Guidance for Laboratories at the NIH Bill Steinmetz and Paul Johnson (DHHS/NIH/NIEHS), Craig Upson and Timothy Adkins (DHHS/NIH/OD/ORF)
12:45-1:15	Same as Above (Cont.)	5.4 DAF Risk-Based EMS Aspect Inventory Implementation David Kumar and Whitney Miller (USAF)	6.3 UST Requirements Michael Jester (MD Dept. of the Environment)
1:15-1:30	Break	Break	Break
1:30-2:00	4.3 Advancing Federal Building Decarbonization: From Ambition to Action (60 min. Panel) Ken Sandler and Jeremy Alcorn (GSA), Clay Nesler (World Resources Institute), Kent Peterson (P2S, Inc.)	5.5 Strategic, Effective, and Persistent: Leveraging ISO 50001 for Climate Action Karen Salvini (DOE/LBNL)	6.4 <u>Panel:</u> Lead Strategies, Activities, and Environmental Compliance Bruce Haber (HUD), Annie Hoyt and Paul Ruge (EPA R3), Aimee Hessert and Stephanie Brown (EPA HQ)
2:00-2:30	(Panel 4.3 continues)	5.6 Streamlining Individual Sustainability Projects with 50001 Ready Allan Federman (DVA), Jerrilyn Goldberg (DOE/LBNL)	(Panel 6.4 continues)
2:30-2:45	Break	Break	Break

TIME (All times Eastern)	Track 4 Sustainability	Track 5 Management Systems	Track 6 Environmental Compliance
2:45-3:15	<p>4.4</p> <p>Embodied Carbon's Role in Decarbonization (60 min. Panel) Don Horn, Walter Tersch, Adina Torberntsson (GSA)</p>	<p>5.7</p> <p>DHS NEXUS Approach to Facility Management and Projects: Breaking Down the Stovepipes (90 min. Workshop) Patricia Harrington (DHS), Kevin DeGroat, Christopher Lindsey and Ali Schmidt (Antares Group, contractors to DHS)</p>	<p>6.5</p> <p>Use Attainability Analysis for Upper Sandia Canyon, Los Alamos, New Mexico - A scientific study to provide evidence for a change in water quality standards Timothy Goering (Triad National Security, LLC, contractor to DOE/LANL)</p>
3:15-3:45	(Panel 4.4 continues)	(Workshop 5.7 continues)	<p>6.6</p> <p>UST New Requirements Russ Brauksieck (EPA OUST)</p>
3:45-4:15	<p>4.5</p> <p>Green Building Certifications: Achieving Success in Sustainability (90 min. Panel) (Moderator) Ryan Cerone and Douglas Brinkley (DOS Bureau of Overseas Buildings Operations), Wayne Evelo (DOE/NNSA), Kurt Kesteloot (DOI/NPS)</p>	(Workshop 5.7 continues)	<p>6.7</p> <p>An Introduction to the Department of Defense's Regional Environmental Coordinator Program Kevin Kennedy (USACE)</p>
4:15-4:45	(Panel 4.5 continues)		<p>6.8</p> <p>What is a Pesticide and How to Comply with FIFRA? Julie Jordan (EPA R9)</p>
4:45-5:15	(Panel 4.5 continues)		<p>6.9</p> <p>Open Burning and Open Detonation (OB/OD) of Explosive Waste Under the Resource Conservation & Recovery Act (RCRA) Sasha Gerhard (EPA OLEM)</p>
	<u>Note:</u> Sustainability (Track 4) continues on Days 3 & 4		

2022 Federal Environmental Symposium

(Draft Schedule 03/24/2022)

Day 3: March 30, 2022

Theme: Mission, Environment, and Our Communities

TIME (All times Eastern)	Track 4 (cont.) Sustainability	Track 7 Environmental Justice	Track 8 Resiliency
11:00 - 11:30	4.6 Tools and Analyses to Implement Sustainable Procurement and Acquisition (Moderator) Dr. Kari Meier (OSD), Michael Bruckner (Noblis, DoD contractor), David Gill (TREAS/IRS), and Julie Volny and Michael Bloom (GSA)	7.1 (Proposing EPA Region 3 Regional Administrator)	8.1 Water Resilience for DOD Installations: Opportunities, Challenges, and Research Pathways Kylie Burkett, Noah Garfinkle, Michael Duczynski, Aaron Takahashi, and Bennett Kang (USACE/ERDC/CERL)
11:30 - 12:00	(Presentation 4.6 continues)	7.2 Grounding Energy Justice: Visioning Principles for Energy Transitions from Frontline and Community-based Organizations Salma Elmallah (DOE/LBNL)	8.2 Incorporating Climate Change and Resilience Priorities into Energy and Water Planning at Federal Sites Ethan Epstein (DOE/FEMP), Julia Rotondo and Hannah Rabinowitz (DOE/PNNL)
12:00-12:15	Break	Break	Break
12:15-12:45	4.7 Federal Sustainable Purchasing: Programs and Tools to Help Meet and Exceed your Goals (Part 1) Katharine Kaplan (EPA ENERGY STAR Program), Ksenija Janjic (EPA Comprehensive Procurement Guidelines), Andrew Jermolowicz (USDA BioPreferred Program), Bella Maranion (EPA SNAP Program)	7.3 Defining Disadvantaged Communities with a Lens Toward Energy Justice Natalie Popovich (DOE/LBNL)	8.3 Natural Hazard Resilience at U.S. Diplomatic Missions - State Department David Keller (DOS Overseas Buildings Operations)
12:45-1:15	(Presentation 4.7 continues)	7.4 My EMS and My Community Jimmy Parrish (DLA)	8.4 Resilience in Action: A Case Study of a FLETC Utility Energy Conservation Project Tim Harper and Todd Braun (DHS/FLETC)
1:15-1:30	Break	Break	Break
1:30-2:00	4.8 Sustainability in Practice within the Department of Defense (DoD) David Asiello (Director for Sustainability and Acquisition, ODASD(E&ER)), Michael McGhee (Executive Director for Climate Resilience, ODASD(E&ER))	7.5 HHS's 2022 Environmental Justice Strategy and Implementation Plan LaToria Whitehead (DHHS) (Detail) / Office of the Asst. Secretary for Health, Leo Gumapas (DHHS/NIH)	8.5 DHS Climate Change and Resilience: DHS Strategies, Assessments, and Case Studies (60 min. Panel) Marie Britt (DHS/HQ), Anneke Frederick (DHS/CISA), David LoVullo (DOE/NREL), Bonnie Herriott (DHS/CBP)
2:00-2:30	(Presentation 4.8 continues)	7.6 EJScreen – Basics in the Understating and Use of the EJ Tool Angus Welch (EPA HQ)	(Panel 8.5 continues)
2:30-2:45	Break	Break	Break

TIME (All times Eastern)	Track 4 (cont.) Sustainability	Track 7 Environmental Justice	Track 8 Resiliency
2:45-3:15	<p>4.9 Strategies for Preventing and Reducing Government-Wide Food Waste</p> <p>Susannah Davidson (USACE/ERDC/CERL), Lana Coppolino Suarez (EPA, Office of Resource Conservation and Recovery, Materials Management Branch), Jean Buzby (USDA Office of the Chief Economist, USDA Food Loss and Waste Liaison)</p>	<p>7.7 Environmental Justice and Incorporating Environmental Justice Elements in My EMS</p> <p>Samantha Beers, Reggie Harris, and José Jiménez (EPA R3), Angus Welch and Jamar Jackson (EPA HQ), Jimmy Parrish (DLA)</p>	<p>8.6 US Department of Transportation Facility Climate Risk Tool</p> <p>Dr. Brent Kurapatskie (DOT), Dr. Dan Flynn (DOT/VOLPE)</p>
3:15-3:45	(Presentation 4.9 continues)	(Presentation 7.7 continues)	<p>8.7 Resiliency of Installation Recycling Programs in the Context of Changing Federal Policy and Volatile</p> <p>Abigail Rice (USACE/ERDC/CERL)</p>
3:45-4:15	<p>4.10 An Intro to Circular Economy: How Recycling and Reuse Can Play an Important Role</p> <p>(Moderator) Carole Mars (AAAS (S&T) Policy Fellow for ODASD(E&ER)), Kristine Sedey and Brenda Adams (USPS), Elizabeth Keysar (Concurrent Technologies, Inc., contractor to USA)</p>	<p>7.8 Engagement as a Two-way Exchange of Information, Ideas, and Resources</p> <p>(90 min. Panel)</p> <p>(Moderator) Krystal Brumfield (Associate Administrator, GSA/OGP), Nina Albert (Commissioner, GSA/PBS), Alex Gamble (DHHS/IHS), Chris Castro and Merchon Green (City of Orlando, FL), Mandy Lee (NAACP Prg. Mgr., Centering Equity in the Sustainable Building Sector, Environmental Climate & Justice Program)</p>	<p>8.8 You Cannot Unknow This: From the Cusp of Survival to Emerging Practice</p> <p>(90 min. Workshop)</p> <p>Ann Kosmal (GSA)</p>
4:15-4:45	(Presentation 4.10 continues)	(Panel 7.8 continues)	(Workshop 8.8 continues)
4:45-5:15	(Presentation 4.10 continues)	(Panel 7.9 continues)	(Workshop 8.8 continues)
	<u>Note:</u> Sustainability (Track 4) continues to Day 4		

2022 Federal Environmental Symposium

(Draft Schedule 03/24/2022)

Day 4: March 31, 2022

Theme: Mission, Environment, and Our Communities

TIME (All times Eastern)	Track 4 (cont.) Sustainability	Track 2 (cont.) Energy and Water Conservation	
11:00-11:30	4.11 Varying Approaches to Sustainability: FBI, State Dept, USPS (Moderator) Mark Pituch (DOS), Darcy Sharp and Brooke Siegel (DOJ/FBI), Ronald Robbins (USPS)	2.11 Decarbonization Procurement Options in the Federal Sector (90 min. Workshop) Douglas Gagne, Jenny Heeter, Chandra Shah and John Myhre (DOE/NREL), Elisabeth McClure (DOE/FEMP)	
11:30-12:00	(Presentation 4.11 continues)	(Workshop 2.11 continues)	
12:00-12:15	Break	Break	
12:15 - 12:45	4.12 Charting a Course to Net Zero Procurement for DoD Supply Chain Greenhouse Gases (Moderator) Michael Bruckner (Noblis, contractor to ODASD(E&ER)), Carole Mars (DoD, AAAS S&T Policy Fellow), Kari Meier, Ph.D.(ODASD(E&ER))	(Workshop 2.11 continues)	
12:45 - 1:15	(Presentation 4.12 continues)	2.12 Energy Storage at Federal Facilities: What You Need to Know Now (60 min. Panel) Ken Sandler (GSA), and, Alex Cate (Ameresco, Inc.), Nick Tumilowicz (Electric Power Research Institute), and David Kaneda (IDeAs Consulting), contractors to GSA	
1:15-1:30	Break	(Panel 2.12 continues)	
1:30-2:00	4.13 Sustainable Operations – Reducing the Footprint and Cleaning Up Afterward (Moderator) John E. Conover (USAF), Albes Gaona (DOE), Kim Cole (UCOR LLC, contractor to DOE OREM), Kelly Jaramillo (USDA/FS)	(Panel 2.12 continues)	
2:00-2:30	(Presentation 4.13 continues)		
2:30-2:45	Break	Break	

TIME (All times Eastern)	Track 4 (cont.) Sustainability	Track 2 (cont.) Energy and Water Conservation	
2:45-3:45	4.14 Federal Sustainable Purchasing: Programs and Tools to Help Meet and Exceed your Goals (Part 2) (Moderator) Jenna Larkin (EPA Environmentally Preferable Purchasing (EPP) Program), Clive Davies (EPA Safer Choice Program), Stephanie Tanner (EPA WaterSense Program), Denise Kearns (EPA SmartWay Program)		