2019 Federal Environmental Symposium

October 30-31, 2019 NIH Natcher Conference Center

Theme: Federal Facilities Leading Environmental Change
Sponsored by: Federal Sector
DRAFT AGENDA (as of 9/27/2019): Subject to change

TIME	Day 1 - Wednesday								
8:00 -9:00	Registration								
9:00-9:05	Welcome Remarks - Kenny Floyd, NIH								
9:05-10:00	Dr. Alfred Johnson, Deputy Director for NIH Management and Chief Financial Officer Alexandra Dapolito Dunn, Assistant Administrator for EPA's Office of Chemical Safety and Pollution Prevention Susan Bodine, Assistant Administrator for EPA's Office of Enforcement and Compliance Assurance								
10:00-10:15 Breakout Session 1 10:15-11:45	Track 1 Waste Reduction and Recycling Room: F1/F2 Break 1.1 Dumpster Diving 101: The Waste Game Angela Urban, U.S. Army Corps of Engineers, Construction Engineering Research Laboratory	Track 2 Sustainability Room: E1/E2 Break 2.1 Your Agency's First Solar Project Mike Sandler, U.S. Department of Justice, Drug Enforcement Agency Chandra Shah, Doug Gagne, U.S. Department of Energy, National Renewable Energy Laboratory	Track 3 Energy and Water Efficiency/Watersheds Room: Balcony C Break 3.1 Contracting for Water & Energy Efficiency Clayton Johnson, U.S. Department of Energy, Lawrence Berkeley National Laboratory	Track 4 Sustainable Federal Properties Room: Balcony A Break 4.1 Sustainable Solutions for Federal Landscapes Ray Mims, U.S. Botanic Garden Maureen Alonso, U.S. General Services Administration - Regional Horticulture James Gagliardi, Smithsonian Gardens Lauren Mandel, Andropogon & Associates	Track 5 Environmental Resiliency Room: A Break 5,1 Identifying Climate Hazards and Conducting Vulnerability Assessments to Protect Agency Mission Daniel Kreeger, Association of Climate Change Officers	Track 6 Environmental Compliance Room: Auditorium Break 6.1 Self-disclosing Violations to EPA: Why Do It and How Dominique Freyre, U.S. Environmental Protection Agency, Federal Facilities Enforcement Office Gary Jonesi, Phil Milton, David Smith-Watts, U.S. Environmental Protection Agency, Office of Enforcement and Compliance Assurance	Track 7 Protection of Natural Resources/ Best Environmental Practices Room: D Break 7.1 Stretching Our Capabilities and Focusing Our Competencies for Increased Oversight Effectiveness Moderator: Karen Armijo Darlene Rodríguez, U.S. Department of Energy, Los Alamos Field Office Larry Palmer, Al MacDougall, U.S. Department of Energy, Office of Enterprise Assessments National Training Center	Track 8 Environmental Management Systems (EMS) Room: Balcony B Break 8.1 Risk Based EMS Auditing Moderator: Catherine Johnson Jody McClarin, U.S. Department of Veterans Affairs, Veterans Health Administration	
11:45 - 12:45	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
Breakout Session 2 12:45-1:15 Breakout Session 3 1:15-1:45	Maste Reduction Techniques Abigail Brake, U.S. Army Corps of Engineers, Construction Engineering Research Laboratory Terry Foecke, U.S. Department of Energy, Los Alamos National Laboratory Lucy Aistis, Jaroslav Sebek, U.S. Department of Health and Human Services, National Institutes of Health	2.2 EPEAT Purchaser Award Winners: Best Practices on Procuring Sustainable Electronics Moderator: Terrance Glover Terrance Glover, Green Electronics Council Dawn Gunning, U.S. Department of Homeland Security, Office of the Chief Readiness Support Officer David Harrity, U.S. General Services Administration, Enterprise Infrastructure Operations	3.2 Leverage Procurement Data to Achieve Energy Savings and Improve Program Effectiveness Molly Morabito, Liyang Wang, Sravan Chalasani, U.S. Department of Energy, Lawrence Berkeley National Laboratory	4.2 Sustainability and New Facilities Sustainability in New Construction, Fort Yuma Health Care Center Richard Wermers, U.S. Department of Health and Human Services, Indian Health Services Blending Well With Green Jeffery Williams, U.S. Department of Defense, National Security Agency	5.2 Climate Toolkit David Herring, U.S. Department of Commerce, National Oceanic	6.2 Environmental Management at Federal Facilities: U.S. Army Corps: Environmental Management Tools: FedCenter Steve Luzzi, U.S. Army Corps of Engineers, Construction Engineering Research Laboratory 6.3 U.S. Army Corps: 25 Years of Team Guide Assessments Peter M. Heinricher, U.S. Army Corps of Engineering Research Laboratory	T.2 Landscaping with Meadows: The Smart, Sustainable Alternative to Turf Grass Moderator: Lori Levine Janine Pollack, Darlene Squibb, National Aeronautics and Space Administration, Goddard Space Flight Center 7.3 Joint DoD Agency - Georgia County Wastewater Treatment Partnership Gordon Taylor, U.S. Air Force Life Cycle Management Center	8.2 Using EMS to Navigate Changing Environmental Priorities Laura Winter, Steven Davis, U.S. Department of Justice, Drug Enforcement Administration 8.3 Implementing Multi-Site NIH Environmental Management System Moderator: Paul Johnson Bani Bhattacharya, Bill Steinmetz, U.S. Department of Health and Human Services, National Institutes of Health	
1:45 -2:00	Break	Break	Break	Break	Break	Break	Break	Break	

	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4
	Recycling Markets: How To Get	Quantifying Cost Savings and	Pollution Prevention & Water	High Performance Sustainable	FEMP's Technical Resilience	An EPA National Compliance	Emerging Tools for Monitoring	Leveraging Your EMS for
	The Most Value From Recycling	Sustainability Benefits from	Systems	Existing Buildings	<u>Navigator</u>	Initiative: Reducing the Rate of	and Managing Threatened and	Energy Savings
		Buying Sustainable IT Products				Significant Noncompliance with	Endangered Species on Federal	
	Susannah Davidson, U.S. Army		Kassidy Boorman, Philip Moss,	Jeremey Alcorn, U.S. General		Clean Water Act NPDES Permits	<u>Lands</u>	Una Song, Danae Rupp, U.S.
Breakout	Corps of Engineers, Construction	Moderator: Holly Elwood	U.S. Department of Energy, Los	Services Administration, Public	of Energy, Federal Energy			Department of Energy, Office of
Session 4	Engineering Research Laboratory		Alamos National Laboratory	Buildings Service	Management Program	Dominique Freyre, U.S.	Jinelle Sperry, U.S. Army Corps of	Sustainable Environmental
2:00-2:30	Jan Jackson, Jeannette	Holly Elwood, U.S.		Keith Bryan, Logistics			Engineers, Construction Engineering	Stewardship
2.00-2.30	Widman, U.S. Department of	Environmental Protection Agency, Office of Chemical Safety and		Management Institute		Federal Facilities Enforcement	Research Laboratory	Jerrilyn Goldberg, U.S. Department of Energy, Lawrence
	Energy, Y-12 National Security Complex	Pollution Prevention				Office		Berkeley National Laboratory
	Samuel McCord, U.S.	Cate Berard, U.S. Department of						Derkeley Ivational Laboratory
	Department of Energy, Sandia	Energy, Office of Sustainable						
	National Laboratories	Environmental Stewardship						
	1	Jonathan Rifkin, Green				6.5	7.5	
		Electronics Council				Above Ground Storage Tanks:	International Conservation of	
						What you Need to do to Comply	Migratory Birds through Research	
Breakout							Collaborations - A Success Story	
Session 5						Rachel Simkins, U.S.	Laure B. Bra. H. G. Bra. d. d.	
						Environmental Protection Agency,	James D. Ray, U.S. Department of	
2:30-3:00						Region 3, Oil and Prevention Branch	Energy, Pantex Plant	
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3:00-3:15	Break 1.6	Break 2.6	Break 3.6	Break 4.6	Break 5.6	Break 6.6	Break 7.6	Break 8.6
	Secure Recycling & Reporting	Environmental Alternatives for	Nontargeted Approaches to	Sustainable Labs	DHS Resilience Framework	Underground Storage Tanks:	College Underserved Community	Virtual Environmental
	Solutions For Electronic Assets	Rapidly Changing Military	Environmental Monitoring	Odotamable Eubo	<u> </u>	The New UST Regulations	Partnership Program	Management Office (VEMO):
	& Ink Cartridges	Settings		Bani Bhattacharya, Jaroslav	Crystall Merlino, U.S.			The Air National Guard's Multi-
Breakout			Brandon Parson, U.S.	Sebek, U.S. Department of Health	Department of Homeland Security,	James (Russ) Brauksieck, U.S.	Michael Burns, U.S. Environmental	Site Organizational EMS
Session 6	Moderator: Dianne Shoaf	Angela Urban, Christopher	Department of Energy, Los Alamos	and Human Services, National	Office of the Chief Readiness	Environmental Protection Agency,	Protection Agency, Region 4, Office	
		Ackerman-Avila, Heidi Howard,	National Laboratory	Institutes of Health	Support Officer	Office of Underground Storage	of the Regional Administrator	Kevin Shupe, Brooke Shaffer,
3:15-3:45	Ron Kecman, U.S. Postal	U.S. Army Corps of Engineers,				Tanks		Mike Pierle, Heather Sours,
	Service	Construction Engineering						National Guard Bureau
	George Hinkle, ARCOA Group	Research Laboratory						
	1		3.7	1		6.7		8.7
			Seeking/Sharing Water			40 CFR 280 & The Exchange		Enabling Distributed
			Sustainability Solutions for					Environmental Compliance
Breakout			Decentralized Systems of			Robert Largent, Army & Air		<u>Management</u>
Session 7			Supply and Wastewater			Force Exchange Service		
			Daryl Beardsley, Municipal Board					Brent Allred, Northrup Gruman Technology Services
3:45-4:15			of Health, Sherborn, MA					rechnology Services
			or rioditi, orierborii, with					
		MILLO T O		NIH Clinical Center & Micro				
	NIH LEED Gold Lab Virtual Tour	INIH Cambus Lour: Sustainanie						
	NIH LEED Gold Lab Virtual Tour			Turbine Generator Tour			the state of the s	
	NIH LEED Gold Lab Virtual Tour Tony Clifford, Former Chief	Landscaping and Establishing Pollinator-friendly Habitats		Turbine Generator Tour				
_		Landscaping and Establishing		Turbine Generator Tour Amy Gaynor, Community Liaison				
Tours	Tony Clifford, Former Chief Engineer, U.S. Department of Health and Human Services,	Landscaping and Establishing Pollinator-friendly Habitats Brandon Hartz, U.S. Department		Amy Gaynor, Community Liaison Office, Greg Leifer, Energy				
	Tony Clifford, Former Chief Engineer, U.S. Department of	Landscaping and Establishing Pollinator-friendly Habitats Brandon Hartz, U.S. Department of Health and Human Services,		Amy Gaynor, Community Liaison Office, Greg Leifer, Energy Engineer, U.S. Department of				
Tours 4:15-5:00	Tony Clifford, Former Chief Engineer, U.S. Department of Health and Human Services,	Landscaping and Establishing Pollinator-friendly Habitats Brandon Hartz, U.S. Department		Amy Gaynor, Community Liaison Office, Greg Leifer, Energy Engineer, U.S. Department of Health and Human Services,				
	Tony Clifford, Former Chief Engineer, U.S. Department of Health and Human Services,	Landscaping and Establishing Pollinator-friendly Habitats Brandon Hartz, U.S. Department of Health and Human Services,		Amy Gaynor, Community Liaison Office, Greg Leifer, Energy Engineer, U.S. Department of				
	Tony Clifford, Former Chief Engineer, U.S. Department of Health and Human Services,	Landscaping and Establishing Pollinator-friendly Habitats Brandon Hartz, U.S. Department of Health and Human Services,		Amy Gaynor, Community Liaison Office, Greg Leifer, Energy Engineer, U.S. Department of Health and Human Services,				
	Tony Clifford, Former Chief Engineer, U.S. Department of Health and Human Services,	Landscaping and Establishing Pollinator-friendly Habitats Brandon Hartz, U.S. Department of Health and Human Services,		Amy Gaynor, Community Liaison Office, Greg Leifer, Energy Engineer, U.S. Department of Health and Human Services,				

			2019	Federal Environme	ental Symposium			
				Day 2 - Thu	rsday			
	Track 1 Waste Reduction and Recycling Room: F1/F2	Track 2 Sustainability I Room: E1/E2	Track 3 Energy and Water Efficiency/Watersheds Room: Balcony C	Track 4 Sustainability II Room: Balcony A	Track 5 Non-Federal Sustainability Best Practices Room: A	Track 6 Environmental Compliance Room: Auditorium	Track 7 Protection of Natural Resources/Best Environmental Practices Room: D	Track 8 Environmental Management Systems (EMS) Room: Balcony B
Breakout Session 1 9:00-9:30	1.1 Handling/Recycling of Lithium Ion Batteries to Prevent Explosions at Recycling Facilities Jordan Rivera, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration	2.1 Sustainable Acquisition Holly Elwood, U.S. Environmental Protection Agency, Office of Chemical Safety and Pollution Prevention Shabnam Fardanesh, U.S. Department of Energy, Office of Environment, Health, Safety and Security Vernell Thompson, U.S. Department of Agriculture, Biopreferred Program	3.1 CDC's Sustainable Approach to Energy Efficiency Steve Klim, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention	4.1 DoD Sustainability Programs Moderator: Linda Thompson David Asiello, U.S. Office of the Secretary of Defense Cornell Sims, Cardno	5.1 State & Local Government Sustainability Best Practices Danielle Nkojo, DC Department of Energy and Environment (DOEE) Joan Kelsch, Arlington County Adriana Hochberg, Montgomery County	6.1 EPA's National Compliance Initiatives: Strategic Direction of the EPA's Federal Facility Enforcement Program Karin Leff, U.S. Environmental Protection Agency, Federal Facilities Enforcement Office 6.2 New Developments in Regulating Hazardous Waste: RCRA's Hazardous Waste Generator Improvements Rule	7.1 Bridging the Technical-to- Layperson Gap for Environmental Matters at the U.S. Postal Service Charlotte Parrish, U.S. Postal Service 7.2 Building Relationships and Cooperation with Partner Nations Linda Woestendiek, U.S.	8.1 What Works in a Sustainability
Breakout Session 2 9:30-10:30						Moderator: Kristin Fitzgerald Kathy Lett, Mary Beth Sheridan, Brian Knieser, U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery	Department of Defense - U.S. Southern Command	Anthony Nagel, Sara Austin, U.S. Department of Energy, Hanford Site Integrated Communication at Large Sites Michelle Oates, U.S. Department of Energy, Hanford Site
10:30 -10:45	Break	Break	Break	Break	Break	Break	Break	Break
Breakout Session 3 10:45-11:15	1.3 Electronics Property Management - Review of Current Policy, Reporting Procedures, & Bulletins Bob Holcombe, U.S. General Services Administration - Property Management, Office of Government-wide Policy	2.3 Army Medicine's Sustainability Program Adds Value to Operations Kathyrn LaHaye, Elizabeth J. Keysar, U.S. Army MEDCOM	3.3 Net Zero Energy Warehouse Bill Blair, James Stancil, U.S. Department of Health and Human Services, National Institutes of Health 3.4 Performance Contracting on the NIH Bethesda Campus	4.3 Federal Green Challenge Best Practices Moderator: Ron Vance Kent Foerster, U.S. Environmental Protection Agency, Office of Sustainable Materials Management Dianne Shoaf, U.S. Postal Service	5.3 Private Sector Sustainability Best Practices Gary Johnson, Hershey Seth Goldman, Co-founder & TeaEO Emeritus, Honest Tea and Executive Chair, Beyond Meat Ramé Hemstreet, Kaiser Permanente	6.3 Introduction to the Final Rule on Management Standards for Hazardous Waste Pharmaceuticals and Amendment to the P075 Listing Moderators: Kathy Lett, Mary Beth Sheridan Kristin Fitzgerald, Laura Stanley, Brian Knieser, U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery	7.3 Injection of Cyclohexylamine and Diethylaminoethanol to the Central Boiler Plant Steam Don Guan, Ye Tao, Dr. Andrew Gomes, U.S. Department of Health and Human Services, National Institutes of Health	8.3 Environmental Management System Effective Implementation Moderator: Christy Bixler David Kumar, U.S. Air Force Christy Bixler, U.S. Navy
Breakout Session 4 11:15-11:45			Greg Leifer , U.S. Department of Health and Human Services, National Institutes of Health				ATP-2G Technology Accompanied by Field Tests Don Guan, Ye Tao, Dr. Andrew Gomes, U.S. Department of Health and Human Services, National Institutes of Health	

11:45 -12:45	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
	1.5 <u>How to Recycle in Federal</u> <u>Facilities</u>	2.5 Best Practices on Building the Federal Electric Vehicle	3.5 <u>Water Efficiency in Federal</u> Facilities	4.5 <u>Food!</u>	5.5 Sustainability Best Practices from Academia	6.5 Clean Air Act Developments: Federal Regulations on	7.5 Novel Approach in Industrial Water Treatment at the Central	8.5 Implementing EMS at Leased USAF Industrial Facilities
Breakout Session 5 12:45-1:15	Ron Vance, U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery	Infrastructure Tom Budinger, U.S. Department of Justice, Federal Bureau of Investigation Stephanie Gresalfi, U.S. General Services Administration, Office of Fleet Management	Kate McMordie Stoughton, U.S. Department of Energy, Pacific Northwest National Laboratory	Lee Cliburn, U.S. Department of Agriculture, Agricultural Marketing Service Lana Suarez, U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery	Jason Mathias, Johns Hopkins University Mark Stewart, University of Maryland Nina Morris, University of Virginia	Emergency and Non-Emergeny Generators William Paul, Mario Cora, Alex Paulos, Maryland Department of Environment	Utility Plant of National Institutes of Health Don Guan, Ye Tao, Dr. Andrew Gomes, U.S. Department of Health and Human Services, National Institutes of Health	(GOCOs) Gordon Taylor, U.S. Air Force Life Cycle Management Center
Breakout Session 6 1:15-1:45								8.6 Part II , Baseline Surveys Gordon Taylor, U.S. Air Force Life Cycle Management Center
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1:45 - 2:00 Breakout Session 7 2:00-2:30	Break 1.7 America Recycles Day Ron Vance, Nicole Villamizar, U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery	Break 2.7 Partnering with Industry to Build the USG EV Infrastructure Natalia Mathura, Pepco Sam Saxena, U.S. Department of Energy, Lawrence Berkeley National Laboratory	Break 3.7 Using Peracetic Acid as a Disinfectant Martin Donahue, Mark Hughes, U.S. Department of Energy, Princeton Plasma Physics Laboratory	Break 4.7 Executing Onsite Renewable Energy Projects Chandra Shah, U.S. Department of Energy, National Renewable Energy Laboratory John Bollinger, U.S. Department of Commerce, National Institute of Standards and Technology	Break	Break 6.7 Combined Heat and Power- Meeting JSC's Energy Demands for Mission Support John Herrmann, National Aeronautics and Space Administration, Johnson Space Center	Break	Break 8.7 Increasing the Accuracy of Employee Commuting Scope 3 Greenhouse Gas Data Using Software and Environmental Objectives Che Shu-Nyamboli, Benjamin Henning, U.S. Department of Energy, Sandia National Laboratories
Breakout Session 8 2:30-3:00						6.8 The Benefits of Using Landfill Gas at NASA Goddard Space Flight Center Ouattara Fatogoma, Kathleen Moxley, National Aeronautics and Space Administration, Goddard Space Flight Center		8.8 Reflections from DOE Sites on Implementing EMS for 15 Years: Best Practices Moderator: Una Song Una Song, U.S. Department of Energy, Office of Sustainable Environmental Stewardship Morgan Gerard, U.S. Department of Energy, Los Alamos National Laboratory Michelle Oates, U.S. Department of Energy, Hanford Site Joseph Pillittere, U.S. Department of Energy, West Valley Demonstration Project
3:00-3:15	Break	Break	Break	Break	Break	Break	Break	Break
Tours 3:15-4:45	NIH Campus Recycling Program Tour Tierra Robinson, U.S. Department of Health and Human Services, National Institutes of Health	NIH Campus Tour: Sustainable Landscaping and Establishing Pollinator-friendly Habitats Brandon Hartz, U.S. Department of Health and Human Services, National Institutes of Health				6.9 Ask the Inspector Workshop Wilbur Martinez, EPA Region III (RCRA) Michael Prescott, EPA Contractor (CAA) Garth Connor, EPA Region III (CWA) Andrew Seligman, EPA Region III (CWA) Kelly E. Crawford, DC Department of Energy & Environment		

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