

## FES-East Day 1: Tuesday, June 16, 2009

**8:00 am – 9:00 am**

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### **Registration**

Natcher Center, Building 45

**9:00 am – 10:00 am**

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### **Plenary Session**

Natcher Center Auditorium

### **HOUSEKEEPING REMARKS**

Kenny Floyd, Director, Division of Environmental Protection, National Institutes of Health

### **WELCOME**

*Colleen Barros, Deputy Director for Management, National Institutes of Health*

### **OPENING REMARKS**

*Michelle Moore, Federal Environmental Executive, Office of the Federal Environmental Executive*

### **KEYNOTE ADDRESS**

*Nancy Sutley, Chair, Council on Environmental Quality*

### **PRESENTATION OF PLANNING COMMITTEE AWARDS**

*Michelle Moore, Federal Environmental Executive, Office of the Federal Environmental Executive*

**10:00 am – 10:30 am**

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**Break**

**10:30 am – 11:30 am**

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**Tour** (*Advanced Registration Required; No Cost*)

National Institutes of Health Library: Green Terrace and Reading Room Tour  
Building 10

**10:30 am – 12:00 pm**

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**Breakout Sessions**

### **BREAKOUT SESSION 1.1**

#### **Carbon Trading Markets**

Room E1/E2

Moderator: Bucky Green, Environmental Protection Agency

*An overview of the international carbon markets, voluntary and compliance markets (including California's), and the current status of GHG legislation in Congress. The presentation will also address how policy and market structures may affect federal entities ability to develop carbon credit projects, particularly in forestry, energy efficiency, and renewables.*

*Carbon Markets, Credits, and Climate Change Policy*

Patrick Doyle, Development Alternatives, Inc.

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### **BREAKOUT SESSION 1.2**

#### **The Hottest New Sustainability Technical Guidance**

Balcony C

Moderator: Matt Gray, Department of Energy, Federal Energy Management Program

*Get up to speed on the latest sustainability technical guidance, including updates to the Whole Building Design Guide, information on meeting storm water runoff requirements, and other tools and resources available to Federal agencies.*

*WBDG: A Web-based Resource for High-Performance Retrofits of Existing Buildings*

Richard Paradis, P.E., Sustainable Building Industry Council

*Stormwater: Understanding its Environmental Impacts and Meeting EISA 2007 Requirements*

Jennifer Molloy, Environmental Protection Agency

Robert Goo, Environmental Protection Agency

Lisa Biddle, Environmental Protection Agency

### **BREAKOUT SESSION 1.3**

#### **EMS Metric/Continual Improvement**

Balcony A

Moderator: Michael Green, National Aeronautics and Space Administration

*Continual improvement, a key concept of EMS, requires monitoring and measurement to assess performance and identify areas appropriate for improvement. This session will review the interagency metrics and internal performance measures that can be used to promote continual improvement.*

*Interagency EMS Metrics and Questionnaire Overview 2009-2011*

Michael Green, National Aeronautics and Space Administration

*Measurement in EMS - Pathway to Continuous Improvement*

Marvin Howell, Analytical Services Inc.

*EMS at Civil Works Facilities: Lessons Learned and Next Steps*

John W. Coho, US Army Corps of Engineers

### **BREAKOUT SESSION 1.4**

#### **Implementing National/Agency-Wide Recycling Programs**

Room C1/C2

Moderator: Ron Vance, Environmental Protection Agency

*This session will explore three agencies efforts to implement agency-wide recycling programs and discuss a tool available to assist federal agencies in implementing waste reduction initiatives.*

*EPA's Agency-Wide Recycling Program*

Dexter Johnson, Environmental Protection Agency

*US Postal Service National Efforts*

Mike Fanning, US Postal Service

*WasteWise: A Tool for Agency-Wide Recycling Program Implementation*

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Ron Vance, Environmental Protection Agency

### **BREAKOUT SESSION 1.5**

#### **Energy Efficiency**

Room G1/G2

Moderator: Allison Ackerman, Department of Veterans Affairs

*This session will address energy efficiency for various types of federal facilities from small remote facilities to large medical centers. Presenters will also cover other topics such carbon emissions, net zero energy installations, and renewable energy as it relates to the Federal Energy Management Program.*

*Zero Energy Federal Installations*

Anne Sprunt Crawley, Department of Energy

*Remote Facilities a Remote Possibility for Energy Efficiency? Definitely Not.*

Rachael Jacobs, Servidyne

*How Can We Create Energy Savings Using Low-Cost Measures at Our Federal Facilities?*

Pamela Dorton, Department of Veterans Affairs

### **BREAKOUT SESSION 1.6**

#### **Electronics Stewardship 101 and the Federal Electronics Challenge**

Room F1/F2

Moderator: Barbara Matos, Department of the Treasury

*This session provides an overview of the electronics stewardship requirements for federal agencies and facilities and ways to meet these requirements, including an in-depth look at the Federal Electronics Challenge (FEC), an overview of Treasury's strategic use of the FEC to ensure compliance and to educate and engage senior managers, and implementation of a comprehensive electronics management program at the FEC Gold-level award winning Federal Law Enforcement Training Center.*

*Federal Electronics Stewardship 101*

Cate Berard, Environmental Protection Agency

*Using the FEC to Meet the Goals of EO 13423 and Educate Senior Managers*

Barbara Matos, Department of the Treasury

*Electronics Stewardship Successes at a Small or Medium Sized Facility*

Willis C. Hunter, Federal Law Enforcement Training Center

**12:00 pm – 1:00 pm**

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**Lunch**

Natcher Center Courtyard

**1:00 pm – 3:00 pm**

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**Breakout Sessions**

## FES-East Day 1: Tuesday, June 16, 2009

### **BREAKOUT SESSION 2.1**

#### **What Is Your Carbon Shoe Size?**

Room E1/E2

Moderator: Tom McGeachen, Department of Energy, Princeton Plasma Physics Laboratory

*This workshop will explore the process of quantifying greenhouse gas (GHG) emissions and calculating the carbon footprint and ecological footprint of a large, industrial government facility. Skills and tools to complete your own calculation will be introduced to a user model developed by Sandia National Laboratories to calculate the carbon and ecological footprint of their facility.*

*What is the Carbon and Ecological Shoe Size of Your Facility?*

Amy K. Coplen, Department of Energy, Sandia National Laboratory

Margie Marley, Department of Energy, Sandia National Laboratory

Jack Mizner, Department of Energy, Sandia National Laboratory

### **BREAKOUT SESSION 2.2**

#### **Agency Planning for an Existing Building Transformation**

Balcony C

Moderator: Matt Gray, Department of Energy, Federal Energy Management Program

*This session will highlight the efforts of three agencies as they work to sustainably transform their existing built environment.*

*GreenCheck: Easing the Way to Meeting and Tracking the New Environmental Performance Requirements for Federal Facilities*

Bucky Green, Environmental Protection Agency

Matt Sawatski, Booz Allen Hamilton

*Greening Existing Buildings: The Road to a Sustainable Smithsonian*

Nancy Bechtol, Smithsonian Institution

David Hauk, Smithsonian Institution

Kendra Gastright, Smithsonian Institution

*Integrated Capital Planning and Sustainability Initiatives at the US Food and Drug Administration*

Jay Jefferies, US Food and Drug Administration

Susan Buchanan, VFA

### **BREAKOUT SESSION 2.3**

#### **Organizational EMS**

Balcony A

Moderator: James Wozniak, Defense Logistics Agency

*Executive Order 13423 established the new concept of organizational EMS for Federal agencies where the traditional facility EMS approach may not be appropriate or effective. This session will review types of organizational EMS's and examples of Federal agencies implementing an organizational EMS.*

*Federal Environmental Management Systems Workgroup Update*

James Wozniak, Defense Logistics Agency

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*EPA: A Leader in Applying Organizational EMS's at All Appropriate Levels*

Howard Wilson, Environmental Protection Agency

Cara Lucas, Environmental Protection Agency

*EMS Takes Root in the Forest Service*

Kurt A. Gerner, US Department of Agriculture, Forest Service

### **BREAKOUT SESSION 2.4**

#### **General Building Recycling**

Room C1/C2

Moderator: Renae Steichen, Department of Justice

*This session will explore efforts to advance facility specific recycling programs.*

*USDA Headquarters: Flagship for Waste Reduction and Recycling*

Mark Sajbel, US Department of Agriculture

Ed Murtaugh, US Department of Agriculture

*Coast Guard Academy Setting the Standard: Target Green!*

J. Ashley Cordi, US Coast Guard Academy

*Forever Green: VA Illiana Health Care System*

Sharon Ricketts Williams, Department of Veterans Affairs

*Office Recycling Pilot Study*

Kent Foerster, Environmental Protection Agency

Renae Steichen, Department of Justice

### **BREAKOUT SESSION 2.5**

#### **The Next Generation of New Construction**

Room G1/G2

Moderator: Kenny Floyd, National Institutes of Health

*Are you ready for what is up and coming in the "next generation of new construction?" Well do we have news for you! Join us for an interesting overview of the newest concepts and principles in building design and sustainability.*

*Beyond LEED: Moving Designers and Builders Towards Sustainability*

Jonathan Herz, General Services Administration

Anica Landreneau, HOK Architects

Matthias Ruth, University of Maryland

*Push the Envelope - Preserve the Principles*

Ann Kosmal, General Services Administration

Dirk Meyer, General Services Administration

*Demonstrating Net Zero Energy Family Housing in the Army*

Emily Rauch, Pacific Northwest National Laboratory

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### **BREAKOUT SESSION 2.6**

#### **Managing Electronics at End-of-Life**

Room F1/F2

Moderator: Barbara Matos, Department of the Treasury

This session looks at federal policies, guidance, and services available to agencies to manage their personal property to ensure environmentally-friendly use and disposal of their e-waste.

#### *Stewardship of Federal Property*

Bob Holcombe, General Services Administration

#### *Responsible Recycling (R2) Practices for Electronic Recyclers*

Karen Pollard, Environmental Protection Agency

#### *Best Practices in Conducting an On Site Review of a Recycling Company*

Marvin Howell, Analytic Services Inc.

#### *The UNICOR Electronics Recycling Process and Demonstration*

Janice Aragon, UNICOR-Federal Prisons Industries

### **2:00 pm – 3:00 pm**

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#### **Tour** (*Advanced Registration Required; No Cost*)

National Institutes of Health Library: Green Terrace and Reading Room Tour  
Building 10

### **3:00 pm – 3:30 pm**

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#### **Break**

### **3:30 pm – 4:30 pm**

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#### **Tour** (*Advanced Registration Required; No Cost*)

National Building Museum: Green Community Exhibit  
Washington, DC

### **3:30 pm – 5:00 pm**

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#### **Breakout Sessions**

### **BREAKOUT SESSION 3.1**

#### **GHG Inventory for Ecosystems**

Room E1/E2

Moderator: Kim Fowler, Department of Energy, Pacific Northwest National Laboratory

*In 2007, the Forest Service was the first federal land management agency to join the EPA Climate Leaders program. As part of this affiliation, the Forest Service spent a year developing a greenhouse gas emissions inventory for the six National Forests in the Greater Yellowstone Area, which is one of the largest intact ecosystems in the continental U.S.. This inventory, which focuses on anthropogenic emissions from the agency's operations, is the first of its kind in the nation.*

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*Lessons Learned - Creating a GHG Emissions Inventory for Federal Operations in a Large Ecosystem*

Julie Tucker, US Department of Agriculture, Forest Service

Dan Golub, US Department of Agriculture, Forest Service

### **BREAKOUT SESSION 3.2**

#### **Using Rating Systems for Existing Buildings**

Balcony C

Moderator: Tom McGeachen, Department of Energy, Princeton Plasma Physics Laboratory

*As agencies look to green their existing building stock, many are turning to green building rating systems as a tool for implementation. Come learn about these rating systems and how they have been utilized in the field.*

*LEED 3.0 EB O&M and High Performance Buildings*

Tom McGeachen, Department of Energy, Princeton Plasma Physics Laboratory

*Third Party Green Building Certifications for Federal Healthcare Facilities*

John K. Park, Department of Veterans Affairs

*LEED-EB Operations and Maintenance: One Year Later*

Jim Gieselman, Servidyne

### **BREAKOUT SESSION 3.3**

#### **Integrating EMS with Other Systems**

Balcony A

Moderator: Catherine Johnson, Department of Veterans Affairs

*Several types of management systems are being implemented at Federal agencies such as quality, safety, health and risk management systems. By integrating similar systems, consistent management approaches and efficiencies can be realized. This session will review several examples of integration.*

*Integrating Environment and Health and Safety into One System*

Megan Ahn, Bureau of Engraving and Printing

*Using the DOE's Integrated Environment, Safety, and Health Management System to Implement EMS*

Thomas W. Ferns, Department of Energy, Richland

*Integrating EMS with an Agency-wide Risk Management System*

Ted Biess, National Aeronautics and Space Administration

Scott Motter, Northrop Grumman

### **BREAKOUT SESSION 3.4**

#### **Local Recycling Laws and Effects on Federal Facilities**

Room C1/C2

Moderator: Renae Steichen, Department of Justice

*This session will explore recycling regulations from several municipalities and how federal facilities are dealing with these requirements.*

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### *Local Recycling Requirements and Enforcement*

Russ Klein, District of Columbia

Bill Easley, District of Columbia

Gabriella Monzon-Reynolds, Montgomery County, Maryland

### *Managing Facilities in Different Locations*

Ed Crandell, General Services Administration

### *Facility Side of Local Recycling Enforcement*

Rena Steichen, Department of Justice

## **BREAKOUT SESSION 3.5**

### **Green Purchasing Refresher Training**

Balcony B

Moderator: Sue Nogas, Department of Veterans Affairs

*The refresher training will be a one-hour course that provides the basics of the components of the Federal green purchasing program, an update on new product designations and other changes over the past year, and practical exercises.*

### *Green Purchasing Refresher Training*

Sue Nogas, Department of Veterans Affairs

## **BREAKOUT SESSION 3.6**

### **Advanced Practices in Electronics Stewardship**

Room F1/F2

Moderator: Cate Berard, Environmental Protection Agency

*This session includes a panel discussion on advanced electronics stewardship practices, including tracking and reporting progress on electronics stewardship goals; thin client computing; data center improvements; and achieving the Gold level Federal Electronics Challenge award. This session is intended for participants that have, or are close to, achieving the electronics stewardship goals of E.O. 13423 and would like to take the next step.*

### *Advanced Practices in Electronics Stewardship: Save Money, Energy, and the Environment*

Jeff Eagan, Department of Energy

Will Lintner, Department of Energy

Terry Heaton, Department of Energy, Strategic Petroleum Reserve

Mike Hampton, Department of Energy, Strategic Petroleum Reserve

### *NREL's Gold Standard*

Peter Hathaway, National Renewable Energy Laboratory

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4:15 pm – 6:00 pm

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**Tour** (*Advanced Registration Required; No Cost*)

**US GREEN BUILDING COUNCIL HEADQUARTERS FACILITY**

Washington, DC

*Join us for a preview of the US Green Building Council (USGBC) Headquarter's new two story 75,000 square foot office! USGBC is currently applying for LEED for Commercial Interiors 2009 platinum certification of their new office space. Attend a preview and see how you can make your office areas even more sustainable!*

*Tour is limited to a maximum of 15 attendees.*