**2019 Federal Environmental Symposium**

Instructions to Presentations/Speakers

**INTRODUCTION**

The 2019 Federal Environmental Symposium is a gathering of federal agencies to provide existing and relevant environmental information to Federal representatives. The main purpose is to encourage partnerships, sharing of information, and best practices among Federal facilities. Speakers from federal agencies, state agencies and the Environmental Protection Agency (EPA) will be invited to speak at the event. This conference is being planned by an inter-agency group composed by the National Institutes of Health (NIH), National Aeronautics and Space Administration (NASA) , Department of Justice (DOJ), United States Department of Agriculture (USDA), Veteran Affairs (VA), Department of Homeland Security (DHS), Centers for Disease Control and Prevention (CDC), Department of Energy (DOE), Department of Health and Human Services (HHS), Army Corps of Engineers (USACE), Department of Defense (DoD) and EPA.

This year symposium’s theme is “Federal Facilities Leading Environmental Change.” The tracks are: Environmental Managements Systems (EMS), Environmental Compliance, Pollution Prevention and Waste Reduction, Protecting Our Watersheds, Energy and Water Efficiency, Sustainability, Best Environmental Practices, and Protecting Our Natural Resources.

**SELECTION PROCESS**

Presentation Abstract Submission Forms must be completed and **submitted by 11:59 p.m. Eastern Standard Time on May ~~3~~ 31, 2019**. To submit an abstract, visit [**http://www.fedcenter.gov/fes2019**](http://www.fedcenter.gov/fes2019).

A sub-committee of the Federal Environmental Symposium Planning Committee will evaluate all submissions based upon the submitter’s demonstration of expert knowledge and applicability to the 2019 Federal Environmental Symposium Presentation Category selected on the Submission Form. The Committees will notify all submitters of their status beginning Monday, June ~~3~~ 17, 2019. Selected presenters will be asked to verify their availability for the Symposium no later than Friday, June ~~7~~ 21, 2019. If your abstract is approved, the deadline to submit your full presentation (via FedCenter) is September 3, 2019.

**PRESENTER GUIDELINES**

The Symposium is focused solely on environmental and energy management as it pertains to Federal agency missions and Federal facility operations. Those invited to present at the Symposium include:

* Federal employees
* Contractors serving in direct support roles to Federal agencies (and presenting topics solely related to these functions)
* State and local government
* Industry and academia working on Federally-focused projects or participating in Federal partnerships (and presenting topics solely related to these functions)

Non-federal personnel who submit an abstract will be asked to provide a link to the agency, program or partnership they are directly supporting.

**PRESENTATION FORMATS**

The various format choices below are intended to provide presenters flexibility in how to deliver their topics while allowing Symposium planners the ability to logically group presentations together into 90-minute session blocks.

**30-Minute Presentation**

This is the typical presentation format, usually involving remarks with slides and may involve one or more presenters. The presenter(s) has more opportunity to discuss a broader topic, a more complex topic, and/or provide more background info. Plan for 20-25 minutes of presentation, with 5-10 minutes of questions, for a combined maximum of 30 minutes.

**60-Minute Panel Discussion**

A panel discussion involves multiple presenters briefly describing their areas of focus and then using the majority of the time to field questions and generate discussion with the audience. Multiple speakers must be proposed in the abstract submission.

**90-Minute Training Workshop**

This format delivers the topic using a “how-to” approach intended to provide the audience with a practical understanding of the topic along with new or improved skills. It may involve step-by-step examples, participatory exercises, and/or other training techniques. One or multiple speakers may be proposed in the abstract submission.

**EVALUATION GUIDELINES**

* The proposed presentation is of interest or benefit to the Federal community.
* The presentation is not a topic of political sensitivity.
* The presentation show case an achievement in any of the above-mentioned tracks that can be replicated in another facility.
* Promote presentations related to this year theme.
* If the presentation is too long, can the speaker address the topic in 30 to 40 minutes?
* Facility and State speakers should have priorities.
* Can the presenter cover their own travel expenses; the Committee will not sponsor speakers?

**PRESENTATION CATEGORIES**

The categories below will form the tracks of this year’s Symposium.

Under each category are many examples of various topics you may consider presenting. **Your presentation proposals are by no means limited to these examples; they are provided merely to show areas of high interest among the Federal community. We will welcome and consider all proposed topics!**

**Environmental Management Systems**

* Using EMS to meet the goals of EO 13834
* EMS metrics and guidance
* Targeted EMS success stories
* Implementing higher tier/multi-site EMS’s
* Implementing EMS at leased facilities
* Incorporating sustainable practices into EMS
* Integrated Environmental and Health and Safety Systems

**Environmental Compliance**

* Pharmaceutical new rule
* Hazardous Waste Generator Improvements Rule
* Lead-based Paint
* Clean Water Act NPDES Significant Noncompliance (SNC)
* Stormwater
* Emergency generators—Reciprocating Internal Combustion Engine New Emission Standards Hazardous Air Pollutant (RICE NESHAP) Rule
* Air emissions management—including Air Emission Inventories and data/records management
* Seasonal drinking water systems
* Universal wastes
* Spill Prevention Control and Countermeasure (SPCC) plans
* Federal facilities and Emergency Planning and Community Right-to-Know Act (EPCRA)
* Revised Section 608 Refrigerant Management Regulations
* Hazardous Waste Electronic Manifest System (E-Manifesting)
* What is ECHO?

**Protecting Our Watersheds**

* Implementation strategies to meet the Maryland NPDES General Municipal Separate Storm Sewer System (MS4) permit restoration goal on Federal facilities
* Total Maximum Daily Load (TMDL) Program
* Chesapeake Bay – protection efforts, recent improvements / current condition, regulatory assistance, etc.
* Local Stream Restoration (for facilities that has an on-campus stream)
* Waste Discharge Initiatives – Prevent chemical waste discharges to sanitary
* Pretreatment systems for sanitary or storm
* Coordination with state and/or local government to protect watershed
* Outreach activities to the federal community / employee
* Reduced landscape maintenance – Adoption of No Mow Zone

**Sustainability**

* Sustainable acquisition
* Sustainability in the Laboratory Environment
* Greening existing buildings
* Greening existing leases/replacement leases
* Campus approach to sustainability
* Incorporating sustainability into environmental and property asset management
* Approaches to financing sustainability
* Measurement and tracking gas emissions
* Sustainable building implementation plans
* Building and campus case studies
* Training and outreach
* Integrated design and delivery
* Purchasing environmentally preferable building materials and construction services
* Indoor environmental quality
* Low-impact development/stormwater management
* Sustainable siting
* Landscaping
* Historic preservation

**Pollution Prevention and Waste Reduction**

* Paperless processes
* Laboratory recycling
* Conducting green meetings and conferences
* Toxic and hazardous substance reduction plans and programs
* Chemical management and reduction plans and programs
* Green chemistry
* Composting (food waste and landscape materials)
* Recycling markets and effects on recycling programs
* Local recycling laws/ordinances compliance and effects on facilities and programs
* GSA recycling contracts, lease provisions for recycling, and other ways GSA can help set up recycling programs
* Construction and demolition debris recycling/reuse including roofing materials
* Obstacles to recycling
* Calculating Greenhouse Gas benefits from recycling activities
* Recycling in difficult places (e.g., trains and other mobile locations)
* Recycling in rural areas
* EPA’s WasteWise program for federal facilities
* Workplace recycling - expanding recycling programs beyond traditional office recyclables
* Recycling Containers and Signs that Work
* Meeting current Electronic Product Environmental Assessment Tool (EPEAT) requirements and future EPEAT standards
* Power management programs and electronics energy use reduction strategies
* Extending the life of information technology (IT) equipment and keeping pace with changes in technology
* Environmentally responsible electronics reuse and recycling
* Greening federal data centers
* IT asset and inventory management
* Ensuring data and media security while implementing green computing strategies
* Case studies from small and medium size facilities across the country
* Education and involvement of management at the facility and agency level
* GHG inventory development – EPA protocols and tools
* Inventory management – decision-making, reduction opportunities, and new reduction goals
* EPA’s “Outstanding” non-Federal Climate Leaders Case Studies
* Voluntary renewable energy and carbon markets
* It’s NOT all CO2: Non-CO2 Highly Climate Warming Gases
* Utilizing EPA/DOE EnergyStar for building GHG footprint
* How to include employee transportation GHG footprint
* Calculating your recycling efforts reduction of GHGs
* What is this thing called “Carbon Trading” & how does it work?

**Energy and Water Efficiency**

* Federal building performance standards
* Energy management requirements
* Energy Star and Federal Energy Management Program (FEMP) designated product requirements
* Green / renewable power; on-site applications and procurement
* Building energy rating systems
* Optimizing direct digital controls and building automation systems
* Metering
* Wireless monitoring of building systems
* Energy storage strategies
* Retrocommissioning or re-tuning of existing buildings
* Strategies for energy evaluations/audits performance Alternative Financing: Energy Saving Performance Contracts, Enhanced Use Lease, Utility Energy Services Contracts, and others
* Strategic energy planning
* Energy conservation for remote facilities
* Zero Net Energy Designs
* Clean power applications; combined heat and power, fuel cells, methane capture, wind power, solar energy
* New technology advancements for energy and water efficiency
* Water efficiency measures for offices, laboratories, hospitals, etc.
* Water saving landscaping practices
* Water-energy nexus
* Performing campus water balances
* Water saving devices and equipment updates
* Leak detection and monitoring

**Best Environmental Practices**

* Sustainable acquisition
* Partnerships
* Environmental reviews (National Environmental Policy Act (NEPA))
* Environmental conflict resolution
* Compliance management
* Connections among waste, recycling, and climate
* Environmental performance standards

**Protecting our Natural Resources**

* Park service programs
* Forest management
* Wildlife management
* Minerals management
* Managing fires
* Water issues (e.g., Chesapeake Bay water issues, wetlands, droughts)
* Supporting pollinator habitat

**SAMPLE PRESENTATION ABSTRACT SUBMISSION FORM**

**Below is a sample abstract submission form – it is only to be used for your reference. Candidate presenters are required to submit their abstract online via** [**https://www.fedcenter.gov/symposium2019-cfp**](https://www.fedcenter.gov/symposium2019-cfp)**. The deadline for submittal is May ~~3~~ 31, 2019.**

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| **PRESENTER CONTACT INFORMATION**Please provide your contact information below. If you represent a non-Federal organization, briefly indicate your link to a Federal program, project, or partnership as described in the Presenter Guidelines above. |
| Name(s): |       |
| Organization: |       |
| Phone: |       |
| E-mail: |       |
| Federal Link:(if non-Federal) |       |
| **PRESENTER BIO**Please provide a brief description of your current position, background, experience (120-word limit) |
| Bio: |       |
| **PRESENTATION FORMAT (Check only one)**Choose a format below. If you are not yet sure of your presentation format, please make a best guess. If necessary, you may contact the planning team at a later date and discuss changes to your format. Please refer to Page 2 for a description of these formats.  |
| [ ]  | 30 Minute Presentation |
| [ ]  | 60 Minute Panel Discussion |
| [ ]  | 90 Minute Training Workshop |
| **PRESENTATION CATEGORY (Check only one)**Choose an appropriate category for your presentation. If your presentation covers multiple areas, choose the predominant one below and then describe the full scope in the *Presentation Abstract* section below. Please see Pages 3-5 for examples of topics in each of these categories: |
| [ ]  | Environmental Management Systems | [ ]  | Sustainability |
| [ ]  | Environmental Compliance | [ ]  | Energy and Water Efficiency |
| [ ]  | Pollution Prevention and Waste Reduction | [ ]  | Best Environmental Practices |
| [ ]  | Protecting Our Watersheds | [ ]  | Protecting Our Natural Resources |
|  |  |
| **PRESENTATION TITLE** |
| Title: |       |
| **PRESENTATION ABSTRACT (300 words or less)** |
| Description: |       |