

# *PROFESSIONAL DEVELOPMENT OPPORTUNITIES*

**20 MAR, ONLINE: [BIOFUELS: RELEASE PREVENTION, ENVIRONMENTAL BEHAVIOR, AND REMEDIATION](#)** This training focuses on the differences between biofuels and conventional fuels specific to release scenarios, environmental impacts, characterization, and remediation. Trainers will define the scope of potential environmental challenges by introducing biofuel fundamentals, regulatory status, and future usage projections. Participants will learn how and when to use the Interstate Technology and Regulatory Control biofuels guidance document for projects. Participants will understand differences in biofuel and petroleum behavior; become familiar with the biofuel supply chain, potential release scenarios and release prevention; be able to develop an appropriate conceptual model for the investigation and remediation of biofuels; and select appropriate investigation and remediation strategies.

**24-26 MAR, ATHENS, GA: [GEORGIA ASSOCIATION OF WATER PROFESSIONALS 2014 INDUSTRIAL CONFERENCE AND EXPO](#)** The conference theme is "Propelling Georgia's Economic Resurgence Through Sustainable Resource Management."

**24-28 MAR, GARDEN GROVE, CA: [INTERSTATE AND TECHNOLOGY AND REGULATORY COUNCIL SPRING MEETING](#)** Free for government employees, the meeting offers environmental professionals an opportunity to network and collaborate on innovative approaches to solving environmental challenges.

**26 MAR, ONLINE: [WETLAND RESTORATION HYDROLOGY AND DESIGN OVERVIEW](#)** The webinar will cover the selection and use of appropriate techniques for the restoration of wetland hydrology. Participants will be introduced to the principles of hydrogeomorphic (HGM) wetland classification, and how to use the knowledge of wetland types to select and implement appropriate wetland hydrology restoration practices. Examples of wetland water budgeting and the use of hydrology tools in practice design will be presented.

**3 APR, ONLINE: [NEW DEVELOPMENTS IN FEDERAL BUILDING ENERGY EFFICIENCY STANDARDS](#)** Gain knowledge of the current legislative drivers relative to the American Society of Heating, Refrigerating and Air Conditioning Engineers standards and which buildings fall under which standard. Learn about major changes in the most recent versions of ASHRAE Standard 90.1 and the International Energy Conservation Code. Understand requirements of the standards, where to look for conservation measures, and how to determine if a building meets them.

**6-10 APR, NEW ORLEANS, LA: [BIODIVERSITY WITHOUT BOUNDARIES](#)** The conference is where the NatureServe network and its partners gather to celebrate successes, collaborate on new initiatives, share innovations, and design the future. The conference will emphasize education, working sessions, and networking. Join discussions about how to continue to provide the scientific basis for effective conservation.

**7-10 APR, ST. PETERSBURG, FL: NATIONAL ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS** Visit the [website](#) for more information.

**29 APR-1 MAY, WASHINGTON, DC: [ENERGY SAVINGS PERFORMANCE CONTRACTS \(ESPC\) WORKSHOP](#)** The workshop educates attendees on how to implement energy and water projects through an energy savings performance contract (ESPC). The workshop consists of a basic introduction to the Department of Energy (DOE) Indefinite Delivery/Indefinite Quantity (IDIQ) contracts and how to get started with an ESPC project at sites. Training covers task order ordering procedures, contractor selection, energy saving technologies, risk and responsibility, measurement and verification, understanding task order schedules, pricing and financing aspects of the project, and post award contract administration. Breakout sessions focus on technical and contracting topics. Registration is open to federal employees and DOE management and operating (M&O) contractors. The Introduction to [ESPC webinar](#) is a prerequisite to this course. The course will also be offered [13-15 MAY in San Antonio, TX](#) and [24-26 JUN in Los Angeles, CA](#).

30 Apr, Online:

**30 APR-1 MAY, FORT WALTON BEACH, FL: [NATIONAL DEFENSE INDUSTRIAL ASSOCIATION GLOBAL EXPLOSIVE ORDNANCE DISPOSAL \(EOD\) CONFERENCE AND EXHIBITION](#)** The conference will facilitate contact and cooperation between industry and the EOD community with the goal of ensuring EOD forces have access to ideas and technologies that originate in the US industrial and academic base. The conference will also facilitate sharing of industry and academic viewpoints, recommendations, and advice on EOD support concepts, policies, plans, programs, requirements, and technologies, and assess the potential impacts of pending legislation, regulations, and procedures.

**7-10 APR, ST. PETERSBURG, FL: [NATIONAL ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS \(NAEP\) 2014 ANNUAL CONFERENCE](#)** The theme is "Changing Tides and Shifting Sands." Subject matter ranges from cultural resources to land management to overall sustainability.

**14-16 APR, MONTGOMERY, AL: [2014 WILD PIG CONFERENCE](#)** Auburn University and the Alabama Cooperative Extension System will be hosting the conference. The largest gathering of wild pig researchers and managers in North America, the conference will provide opportunities for information sharing, discussion, professional development, and networking.

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**5-6 MAY, CHICAGO, IL: [ADVANCED UTILITY ENERGY SERVICES CONTRACTING \(UESC\) WORKSHOP](#)** UESCs offer a method for serving utilities to provide significant assistance to federal agencies through comprehensive energy efficiency/renewable energy projects including financing and performance assurance. The advanced workshop will examine strategies and methods used by experienced contracting officers and technical teams from project development to contract award and post-acceptance. Attendees will work through exercises designed to develop a project using templates and samples. Priority registration will be given to contracting officers, contracting specialists, and other federal employees. Attendees from private industry will be admitted (one per company) as space allows.

**8-9 MAY, FORT LAUDERDALE, FL: [FLORIDA REMEDIATION CONFERENCE SOUTH](#)** Technical sessions will address soil, groundwater and surface water cleanup with an emphasis on the unique geology and regulatory framework of South Florida.

**12-14 MAY, WASHINGTON, DC: [CLIMATE STRATEGIES FORUM](#)** Plenary sessions and boot camps will address topics such as: Establishing Greenhouse Gas (GHG) Reduction Goals and GHG Management Structures; Identifying Energy Efficiency Opportunities and Fugitive Emissions; Cross Sector Collaboration; and Understanding and Leveraging Renewable Energy Credits. This forum was formerly scheduled to take place in October 2013.

**20-23 MAY, ORLANDO, FL: SOCIETY OF MILITARY ENGINEERS JOINT ENGINEER TRAINING CONFERENCE**  
Visit the [website](#) for more information.

*VARIOUS DATES AND TIMES ONLINE*

**DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS** The Army offers numerous environmental training courses. Information on training providers and fiscal year class schedules are available on the [US Army Environmental Command \(AEC\) website](#).

**AIR FORCE INSTITUTE OF TECHNOLOGY (AFIT) TRAINING COURSE, [QUALIFIED RECYCLING PROGRAM MANAGEMENT](#)** The purpose of the course is to understand DoD requirements for operating a Qualified Recycling Program (QRP). This course emphasizes principles and techniques to assist students in implementing a sound QRP. The course focuses on learning what products can be recycled, products prohibited from recycling, QRP regulations, necessary processing equipment, collection and sorting methods to maximize returns, working with your DRMO, establishing contracts, recording transactions, DoD recordkeeping, and estimating future budgets.

### ***ANYTIME ONLINE***

**[DRIVING BIOPREFERRED® WITH THE PRESIDENTIAL MEMORANDUM](#)** The 21 FEB 12 Presidential Memorandum, [Driving Innovation and Creating Jobs in Rural America through Biobased and Sustainable Product Procurement](#), raises the bar for biobased purchasing in the federal sector. Find out what the memo means for your agency. Gain insight from top experts who will share the latest information on: goals and priorities that underpin the urgency of federal efforts, new requirements that accelerate biobased procurement preferences, and tips for reporting biobased purchasing on the Office of Management and Budget Agency Scorecard.

**[EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY](#)** Learn about key issues, successful projects, and a variety of best management practices for creating stellar waste management programs. Hear from experts around the country on what works and what doesn't, and how to make programs more successful. The format is a formal presentation followed by a question and answer session and discussion time.

**[DEFENSE ACQUISITION UNIVERSITY \(DAU\)](#)** DAU developed online resources available for the DoD workforce, industry partners, and other federal, state, and local government organizations. The online resources provide the ability to apply for a course, take a continuous learning module for continuous learning credit, research policy and other documents, link to related learning and knowledge content, ask a professor a question, contribute knowledge objects (such as lessons learned, best practices, templates, or samples), or collaborate with peers on work issues.

**[DOI LEARN](#)** DOI Learn houses natural resource courses and training offered by all organizations within the Department of Interior, to include the National Park System, Fish and Wildlife Service, and Bureau of Land Management.

**[GO LEARN](#)** GoLearn provides government employees and military personnel with web-based learning and development courses, and other products and services. Site registration is required, including a nominal fee for federal users.

**[TRAINING FOR FEDERAL GHG INVENTORIES](#)** A component of FedCenter's broader Greenhouse Gas Inventory Reporting site is available. The DOE Federal Energy Management Program (FEMP)-developed training offers three types of training that can help in understanding the processes needed to develop an agency's GHG inventory under EO 13514 section 9. These trainings include online interactive courses, archived webinar videos and PowerPoint files from training courses.

**[BUILDING RETUNING](#)** The purpose of this course is to help reduce operating cost and provide energy savings to buildings. The focus is on large (100,000-square-foot) commercial buildings, but the concepts and techniques presented can be applied to any type and size of facility that has a building automation system.

[ACHIEVING ENERGY SECURITY IN FEDERAL FACILITIES](#) Achieving Energy Security in Federal Facilities builds competency in protecting critical missions by integrating energy security measures into all aspects of operations. Employ critical principles to increase energy security, such as diversity, redundancy, reducing demand, planning, and emergency management. Consider technologies that support energy security and develop an understanding of key issues related to short- and long-term energy disruptions, including storage and maintenance issues.

[ADVANCED METERING SOLUTIONS FOR FEDERAL AGENCIES](#) This one-day FEMP-sponsored symposium (targeting federal energy managers, contractors, and software and system providers) consists of two sections. The morning session includes presentations by federal agencies highlighting their successful applications of advanced metering, data analysis, and diagnostic software. The afternoon session features panel discussions by invited metering hardware and software providers highlighting the capabilities of such systems.

[WHOLE BUILDING DESIGN GUIDE TRAINING](#) FEMP has partnered with the National Institute of Building Sciences to offer FEMP e-learning courses on the Whole Building Design Guide. Eight interactive, on-demand, self-paced, and self-tracking courses are supportive of the Federal Building Personnel Training Act competencies and provide up-to-date information targeted to mid-level federal energy, water, and sustainability managers.

[USING SOCIAL MEDIA CHANNELS TO INSPIRE OFFLINE ACTION](#) Zoey Kroll, an Internet communications specialist at the San Francisco Department of Environment and a social media strategist at Hayes Valley Farm will talk about using social media channels to inspire offline action. The webinar will discuss how apps (RecycleWhere), activity clubs (Photo Adventure Club), and social media tools can inspire people to move from clicks to compost. This training is offered by the Pollution Prevention Resource Exchange (P2Rx).

[ENERGY STAR TRAINING](#) Energy Star offers free online training to help improve energy performance. Training is available in the form of live web conferences, pre-recorded training available 24/7, and self-guided presentations in pdf format. Depending on the conference, session, or presentation, the training is designed for facility managers, property managers, environmental managers, energy managers, financial officers, building engineers, and others interested in Energy Star.

[AIR FORCE CIVIL ENGINEERING SCHOOL SEMINARS](#) The Air Force Civil Engineering School offers a variety of free online seminars on hazardous waste management, hazardous materials management, stormwater management, and more.

[USEPA STORMWATER WEBCAST SERIES](#) EPA's NPDES Permit program offers training courses, workshops, and webcasts to explain the regulatory framework and technical considerations of the NPDES Permit program. These courses are designed for permit writers, dischargers, USEPA officials, and other interested parties.

[USEPA REDUCE RUNOFF VIDEO](#) EPA and the US Botanic Garden produced a nine-minute online video, "Reduce Runoff: Slow It Down, Spread It Out, Soak It In," that highlights green techniques such as rain gardens, green roofs and rain barrels to help manage stormwater runoff.

[USEPA WATERSHED ACADEMY WEBCAST SERIES](#) EPA's Watershed Academy is sponsoring free webcast seminars for local watershed organizations, municipal leaders, and others. To access a webcast, simultaneously log on to the web and/or participate by phone conference lines in live training conducted by expert instructors. Archived training sessions are also available by streaming audio.

[NPDES TRAINING](#) The web-based NPDES permit writers training is a series of web-based recordings of presentations. This training is appropriate for those who have attended the live course and wish to

review the material in a self-paced environment, and for those who wish to become familiar with the NPDES process. A certificate of completion is available for each module in the series.

[CLU-IN ENVIRONMENTAL REMEDIATION WEBCAST SERIES](#) EPA's Clean-up Information (CLU-IN) website provides information about innovative treatment and site characterization technologies while acting as a forum for waste remediation stakeholders. The CLU-IN website offers free podcasts, live web events, course and seminar information and more, with most lasting approximately two hours.

[USEPA CLIMATE AND ENERGY WEBCAST SERIES](#) EPA hosts the Local Climate and Energy Webcast Series to assist local governments as they explore and plan climate change and clean energy efforts. These regular webcasts highlight EPA resources available to local governments and present examples of successful climate and energy programs and policies implemented locally.

[GLOBAL CHALLENGES/CHEMISTRY SOLUTIONS PODCAST SERIES](#) Global Challenges/Chemistry Solutions is a series of podcasts describing some of the 21st century's most daunting problems, and how cutting-edge research in chemistry matters in the quest for solutions. These global challenges includes dilemmas such as providing a hungry, thirsty world with ample supplies of safe food and clean water; developing alternatives to petroleum to fuel society; preserving the environment and assuring a sustainable future; and improving human health.

[FEMP ENERGY MANAGEMENT PROGRAM ONLINE TRAINING](#) FEMP trains federal energy managers on the latest energy requirements, best practices, and technologies. Training categories include design, operations, and maintenance; energy efficient products; energy management; financing; fleet; renewable energy; and water efficiency. Search the FEMP website for all topics, specific topics, or type of training (live or on-demand) to find training opportunities. All courses are free unless otherwise noted.

[FEMP 2013 FIRST THURSDAY SERIES SEMINARS](#) First Thursday Seminars are FEMP training opportunities targeting federal energy, environmental, and fleet professionals offered at no cost by leading experts. Seminars will be held through August on the first Thursday of each month. Archived seminars from 2010-2013 are also available at this site.

[SOLAR ENERGY INTERNATIONAL](#) Solar Energy International offers several online courses addressing design and installation of a variety of solar energy systems. These fee-based courses generally require 10 hours per week of online instruction, accessible at any time. Courses must be completed within a six-week window. Follow the link to view class schedules.

[NATIONAL CONFERENCE OF STATE LEGISLATURES \(NCSL\) E-LEARNING](#) NCSL e-Learning features experts on public policy issues and provides professional development opportunities for its members, state legislators, state legislative staff, and the public. Visit the [Multimedia Library](#) for a collection of video and audio files from previous NCSL meetings and webinars.