



Southern Review of Legislative & Regulatory Actions

The U.S. Army Regional Environmental & Energy Office

December 2020

The *Southern Review* publishes environmental and energy related developments for DOD/Army leaders and installation staff. Covering the eight states in Federal Region 4, the *Southern Review* gives early notice of legislative and regulatory activities relevant to DOD interests. For installations that implement an environmental management system in accordance with ISO 14001 specifications, the content of the *Review* may help them identify emerging requirements.

The *Review* is published under contract to the U.S. Army Corps of Engineers (USACE). The information in this publication is derived from a variety of sources and is not created by USACE.

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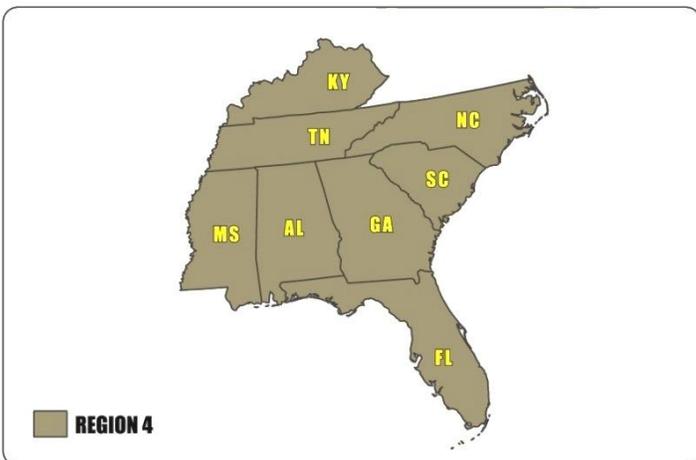


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FEDERAL GRANTS SUPPORT COASTAL RESILIENCE

The National Fish and Wildlife Foundation ([NFWF](#)) and National Oceanic and Atmospheric Administration ([NOAA](#)) announced 17 NOV 20 more than \$37 million in new grants from the [National Coastal Resilience Fund](#) (NCRF) that will support coastal resilience projects in 25 states and U.S. territories. The 46 grants will generate \$55 million in matching contributions for a total conservation impact of \$92 million.

The NCRF grants will contribute to the restoration or enhancement of natural features such as coastal marshes and wetlands, dune and beach systems, oyster and coral reefs, mangroves, forests, coastal rivers and barrier islands. These natural buffers can help reduce the impacts of storms, rising sea levels and other extreme events on nearby communities and habitats.

Congress authorized funding under the National Oceans and Coastal Security Act, allowing grants to be awarded through the NCRF, a partnership among NFWF, NOAA, Shell Oil Company, TransRe, the U.S. Environmental Protection Agency (EPA) and AT&T, with additional funding support from the U.S. Department of Defense (DOD). This year marks the first year of participation from EPA, AT&T and DOD, as the NCRF continues to expand its ability to support resilience projects across the United States.

“The Department of Defense’s Readiness and Environmental Protection Integration (REPI) Program is excited to partner with NFWF and the NCRF,” said Kristin Thomasgard, REPI Program Director. “Through this partnership, we will protect and stabilize the shorelines of two coastal installations — Marine Corps Air Station Cherry Point, North Carolina, and Naval Weapons Station Yorktown, Virginia — promoting installation and community resilience to storm surge and sea-level rise.”

Awards in 2020 will benefit coastal communities nationwide. Read more about the program [here](#).

Region 4

For more information or to comment on any state issue in Region 4, contact [Dave Blalock](#), REEO-S Regional Counsel, (404) 545-5655.



Alabama

LEGISLATIVE SESSION: 2 FEB 21 THROUGH 30 MAY 21

There are no significant legislative activities to report.

REGULATORY ACTIVITY

ONSITE WASTEWATER BOARD. The Alabama Onsite Wastewater Board has adopted rulemaking to amend Rule 628-X-3-.04 regarding obtaining a new license. This [rule](#) became effective 14 NOV 20.

Florida

LEGISLATIVE SESSION: 2 MAR 21 THROUGH 30 APR 21

There are no significant legislative activities to report.

REGULATORY ACTIVITY

BASIN MANAGEMENT ACTION PLAN. The Florida Department of Environmental Protection (FDEP) held a public meeting for interested stakeholders to discuss the Indian River Lagoon Basin Management Action Plan (BMAP). The [meeting](#) was held 13 NOV 20.

BLUE-GREEN ALGAE TASK FORCE. FDEP held a public meeting to discuss expediting progress toward reducing the adverse impacts of blue-green algal blooms. USACE has developed an Algal Bloom Risk Performance [Metric](#), which was presented and discussed by the task force. The [meeting](#) was held 19 NOV 20.

ENDANGERED AND THREATENED SPECIES LIST. The Florida Fish and Wildlife Conservation Commission has revised rulemaking to incorporate by reference the Gopher Tortoise Management Plan. The rule also links guidelines for the Florida pine snake; adds the Gulf of Mexico Bryde's whale to the Florida Endangered and Threatened Species list as federally endangered; and revises rule provisions associated with species classified as Endangered, Threatened, or Species of Special Concern. This [rule](#) became effective 2 NOV 20.

ENVIRONMENTAL RESOURCE PERMITTING. FDEP has proposed rulemaking to update stormwater design and operation regulations for environmental resource permitting as directed by Section 5 of Chapter 2020-150. [Notice](#) was published 19 NOV 20.

EVERGLADES AGRICULTURAL AREA RESERVOIR WATER RESERVATION. The South Florida Water Management District (SFWMD) has issued two separate public notices regarding amendments to Rules 40E-10.021, 40E-10.031, and 40E-10.061, F.A.C., for the prospective Everglades Agricultural Area Reservoir Water Reservation. A [meeting](#) was held 10 DEC 20.

FLORIDA DEFENSE ALLIANCE. Enterprise Florida Inc. and the Florida Defense Alliance held a public meeting to discuss proposed actions that will assist in preserving, protecting and enhancing military installations, missions, and quality of life for the military community. The [meeting](#) was held 18 NOV 20.

INLET MANAGEMENT PLAN. FDEP has adopted the 2020 Ponce de Leon Inlet Management Plan as a final order. The plan establishes strategies to best manage sand-bypassing activities for placement of beach quality sand on adjacent eroding beaches. [Notice](#) was issued 29 OCT 20.

KISSIMMEE RIVER RESTORATION PROJECT. The SFWMD [has proposed](#) rulemaking to identify and reserve water needed for the protection of fish and wildlife in the Kissimmee River. A second [notice](#) was issued that specifies which surface water sources are reserved from additional allocation. [Comments](#) were due 11 DEC 20.

MOTOR FUEL SPECIFICATIONS AND STANDARDS. The Florida Division of Consumer Services has adopted amendments to update outdated rule references; harmonize the levels of allowed methanol and butanol with Environmental Protection Agency (EPA) levels; and adjust allowances for methyl tert-butyl ether and sulfur. This [rule](#) became effective 15 NOV 20.

PRETREATMENT REQUIREMENTS. FDEP [has proposed](#) rulemaking to ensure proper regulation for the use of pretreatment programs in the state of Florida. The revisions would remain consistent with changes to Chapter 62-610 F.A.C., to be in compliance with the Florida Clean Waterways Act of 2020. A [workshop](#) will be held 14 JAN 21.

SOUTH FLORIDA ENVIRONMENTAL REPORT. SFWMD has released the draft 2020 South Florida Environmental Report. The report includes key accomplishments and funding data for fiscal year 2020. [Comments](#) are due 15 MAR 2021.

TRANSPORTATION PLAN. The Florida Department of Transportation held a public meeting to discuss the Florida Transportation Plan Policy Implementation Element. [Comments](#) were due 13 NOV 20.

WATER RESOURCES ACCOUNTABILITY AND COLLABORATION. The SFWMD held a public meeting regarding water issues in South Florida. The meeting was held 3 DEC 20.

WORKS OF DISTRICT BASINS. SFWMD held a rulemaking workshop to discuss the Northern Everglades Watershed Protection Plan. The draft rules describe the requirements for non-point source discharges and submitting a Water Quality Monitoring Plan in lieu of implementing Best Management Practices required by BMAPs. The [hearing](#) was held 17 NOV 20.

VISIBLE EMISSIONS TEST REPORTING. FDEP has adopted rules regarding the visible emissions test reporting frequency for animal and human crematories and concrete batching plants operating under an Air General Permit. The amendments will require submittal of the initial visible emissions test report upon registration instead of annually. The [rule](#) became effective 5 NOV 20.

Georgia

LEGISLATIVE SESSION: 11 JAN 21 THROUGH 2 APR 21

HB 3, ETHEYLENE OXIDE. The bill would revise permit requirements and provide conditions for monitoring and reporting for facilities that emit ethylene oxide. The bill was prefiled for the 2021 session on 16 NOV 20.

REGULATORY ACTIVITY

INDIRECT POTABLE REUSE. Georgia's Environmental Protection Division (GEPD) Watershed Protection Branch has issued notice for a meeting to discuss the development of an Indirect Potable Reuse consideration framework and guidelines. A [hearing](#) was held 9 DEC 20, and [comments](#) are due 18 DEC 20.

RULES FOR PUBLIC WATER SYSTEMS TO IMPROVE WATER SUPPLY. GEPD has proposed amendments to Rule 391-3-33-.05 clarifying that public water systems serving at least 3,300 individuals, that do not otherwise hold a water withdrawal permit, are required to demonstrate progress toward improving water supply efficiency when renewing their drinking water permit. The [hearing](#) will be held 14 DEC 20, and [comments](#) are due 18 DEC 20.

SAFE DRINKING WATER. GEPD [has proposed](#) to amend Rules for Safe Drinking Water to clarify and update provisions in Chapter 391-3-5. Comments are due 18 DEC 20.

Kentucky

LEGISLATIVE SESSION: 5 JAN 21 THROUGH 30 MAR 21

There are no significant legislative activities to report.

REGULATORY ACTIVITY

AIR QUALITY MAINTENANCE PLAN. The Kentucky Division for Air Quality Energy and Environment Cabinet held a public meeting to discuss the proposed 1997 8-Hour Ozone Second 10-Year Limited Maintenance Plan for Christian County. The [meeting](#) was held 30 NOV 20.

Mississippi

LEGISLATIVE SESSION: 5 JAN 21 THROUGH 4 APR 21

There are no significant legislative activities to report.

REGULATORY ACTIVITY

IMPAIRED WATER BODIES. The Mississippi Department of Environmental Quality has adopted rulemaking to amend the list of Impaired Water Bodies, identifying those waters within the state for which recent monitoring and assessment have found pollutant-specific impairment and for which Total Maximum Daily Loads are not yet completed. The final [rule](#) is effective 18 DEC 20.

North Carolina

LEGISLATIVE SESSION: 13 JAN 21 THROUGH 2 JUL 21

There are no significant legislative activities to report.

REGULATORY ACTIVITY

PROPOSED REVISIONS TO STATE'S GROUNDWATER RULES. The North Carolina Department of Environmental Quality's (NCDEQ) Division of Water Resources [has proposed](#) changes to the General Considerations portion of NCDEQ's groundwater classifications and standards rules. Notice was issued 17 NOV 20.

SECRETARIES' SCIENCE ADVISORY BOARD. The NCDEQ Secretaries' Science Advisory Board held a public meeting to discuss challenges and regulations for per- and polyfluoroalkyl substances (PFAS) mixtures and to continue its discussion on hexavalent chromium. The [meeting](#) was held 7 DEC 20.

South Carolina

LEGISLATIVE SESSION: 12 JAN 21 THROUGH 13 MAY 21

There are no significant legislative activities to report.

REGULATORY ACTIVITY

PROTECTION FOR NATIVE REPTILES AND AMPHIBIANS. The South Carolina Department of Natural Resources has issued emergency rulemaking to establish protection for native reptiles and amphibians and set conditions for lawful possession, transfer, sale, trade, shipment, and removal from the state. This emergency [rule](#) became effective 27 NOV 20.

FEDERAL ACTIVITY

STATE HAZARDOUS WASTE MANAGEMENT PROGRAM REVISIONS. EPA has granted South Carolina final authorization for changes to its hazardous waste program under the Resource Conservation and Recovery Act (RCRA). This [rule](#) became effective 20 NOV 20.

Tennessee

LEGISLATIVE SESSION: 12 JAN 21 THROUGH 30 APR 21

There are no significant legislative activities to report.

REGULATORY ACTIVITY

CONSTRUCTION AND OPERATING PERMITS. The Department of Environment and Conservation has adopted rulemaking to reference the current version of 40 CFR Part 51 Appendix W, which is the federal guideline on air quality models. EPA requires this amendment as part of the approval process for the Infrastructure State Implementation Plan for the 2015 Ozone National Ambient Air Quality Standard (NAAQS). The final [rule](#) becomes effective 21 JAN 21.

Federal Activity

AIR

RECLASSIFICATION OF MAJOR SOURCES AS AREA SOURCES UNDER CLEAN AIR ACT SECTION 112. EPA has issued a final rule stating that a “major source” can be reclassified to “area source” status at any time upon reducing its potential to emit hazardous air pollutants (HAP) to below the major source thresholds of 10 tons per year of any single HAP and 25 tons per year of any combination of HAP ([85 FR 73854](#)). This rule becomes effective 19 JAN 21.

PREVENTION OF SIGNIFICANT DETERIORATION AND NONATTAINMENT NEW SOURCE REVIEW PROJECT EMISSIONS ACCOUNTING. EPA is promulgating revisions to its major New Source Review (NSR) applicability regulations to clarify when the requirement to obtain a major NSR permit applies to a source proposing to undertake a physical change or a change in the method of operation (i.e., a project) under the major NSR preconstruction permitting programs ([85 FR 74890](#)). Under these programs, an existing major stationary source proposing to undertake a project must determine whether that project will constitute a major modification subject to the major NSR preconstruction permitting requirements by following a two-step applicability test. This final rule becomes effective 24 DEC 20.

HAZARDOUS MATERIALS

2015 FEDERAL UNDERGROUND STORAGE TANK REGULATION AND ANNUAL/TRIENNIAL TESTING DATA. EPA is planning to submit an information collection request — Gathering Data on Results of Newly Required Annual and Triennial Testing to Evaluate the Impacts of EPA's 2015 Federal Underground Storage Tank Regulation. EPA is employing a contractor to compile data from entities providing regular servicing and maintenance to owners of federally regulated underground storage tank systems (USTs) ([85 FR 70612](#)). The contractor's deliverable will be a database of the performance results over multiple iterations of newly required UST testing procedures in various states across the country. These new tests were required by the 2015 UST regulation and are performed either annually or triennially. The completed dataset of test results will allow EPA to evaluate the effectiveness of several of the newly required measures to prevent fuel releases, which was required in the 2015 federal UST regulation. Data will be compiled from UST servicing companies about tests performed prior to the initial testing deadline, and from test results for regulatory compliance for the second test required either within one year or three years after the initial test (depending on the test requirements). EPA may use the data to identify if, and by how much, testing required by the regulation impacts pass/fail rates over time. Comments are due 4 JAN 21.

RADIOLOGICAL

RISK-INFORMED, TECHNOLOGY-INCLUSIVE REGULATORY FRAMEWORK FOR ADVANCED REACTORS. The U.S. Nuclear Regulatory Commission is developing new requirements for the licensing and regulation of advanced nuclear reactors and is seeking public input ([85 FR 71002](#)). The new rulemaking would adopt technology-inclusive approaches and include the appropriate use of risk-informed and performance-based techniques, to provide the necessary flexibility for licensing and regulating a variety of advanced nuclear reactor technologies and designs. Comments were due 5 NOV 20.

SOLID WASTE

NATIONAL RECYCLING STRATEGY. EPA's draft National Recycling Strategy has been released. The strategy identifies strategic objectives and actions needed to create a stronger, more resilient, and cost-effective U.S. municipal solid waste recycling system. The strategy, when finalized, will be aligned with and support implementation of the [U.S. National Recycling Goal](#). The draft National Recycling Strategy can be found [here](#). The Executive Summary can be found [here](#). Additional information on EPA's America Recycles program can be found [here](#). Comments were due 4 DEC 20.

DISPOSAL OF COAL COMBUSTION RESIDUALS. EPA has finalized a revision to the 2015 Coal Combustion Residuals (CCR) Rule, that provides procedures for facilities to request approval to use an alternate liner for CCR surface impoundments ([85 FR 72506](#)). EPA has finalized a two-step process for submittal of the necessary documentation for the alternate liner demonstration. The first step consists of an initial application intended to show whether a unit meets certain minimum requirements before embarking on a comprehensive alternate liner demonstration. The second step consists of a final demonstration intended to show whether there is a reasonable probability that releases from the impoundment throughout its active life may result in groundwater concentrations of constituents listed in part 257 Appendix IV at a statistically significant level in the future. The purpose of this two-step approach is to ensure that units allowed to embark on a comprehensive and time-consuming demonstration meet the minimum requirements to ensure protectiveness throughout the process. Additional information is available [here](#). This rule became effective 14 DEC 20.

THREATENED AND ENDANGERED SPECIES

GRAY WOLF REMOVAL FROM LIST OF ENDANGERED AND THREATENED WILDLIFE. The U.S. Fish and Wildlife Service (FWS) is removing the gray wolf (*Canis lupus*) entities in the lower 48 United States and Mexico from the List of Endangered and Threatened Wildlife ([85 FR 69778](#)). The effect of this rulemaking action is that the gray wolf is not classified as a threatened or endangered species under the Endangered Species Act (ESA). FWS is taking this action because the best available scientific and commercial data available establish that the gray wolf entities in the lower 48 United States do not meet the definitions of a threatened species or an endangered species under the ESA. This rule does not have any effect on the separate listing of the Mexican wolf subspecies as endangered under the ESA. In addition, FWS announced a 90-day finding on a petition to maintain protections for the gray wolf in the lower 48 United States as endangered or threatened distinct population segments. Based on their review, FWS found that the petition does not present substantial scientific or commercial information indicating that the petitioned actions may be warranted. Therefore, FWS is not initiating status reviews of the petitioned entities in response to the petition. This rule becomes effective 4 JAN 21.

SICKLE DARTER — THREATENED SPECIES STATUS. FWS announced a 12-month finding on a petition to list the sickle darter (*Percina williamsi*), a fish species from the upper Tennessee River drainage in North Carolina, Tennessee, and Virginia, as a threatened species under the ESA ([85 FR 71859](#)). After a review of the best available scientific and commercial information, FWS found that listing the species is warranted. Accordingly, FWS proposed listing the sickle darter as a threatened species. If FWS finalizes this rule as proposed, it would add this species to the List of Endangered and Threatened Wildlife and extend the act's protections to the species. Comments are due 11 JAN 21.

CANDIDATE NOTICE REVIEW. FWS has published a document, Candidate Notice of Review (CNOR), which presents an updated list of domestic plant and animal species that it regards as candidates for or has proposed for listing ([85 FR 73164](#)). This document also includes FWS findings on resubmitted petitions and describes progress in revising the Lists of Endangered and Threatened Wildlife and Plants during the period 1 OCT 18 through 30 SEP 20. Combined with other decisions for individual species that were published separately from the CNOR in 2020, the current number of domestic species that are candidates for listing is 11. The CNOR also assists identification of candidate species for environmental planning efforts by providing advance notice of potential listings, and by allowing landowners and resource managers to alleviate threats and thereby possibly remove the need to list species as endangered or threatened. The updated species list is available [here](#). FWS will accept information on any of the species in the document at any time.

CRITICAL HABITAT FOR THREATENED INDO-PACIFIC CORALS. The National Marine Fisheries Service (NMFS) is proposing to designate 230 square miles of marine habitat in U.S. waters in the Indo-Pacific as critical habitat for seven threatened corals (*Acropora globiceps*, *Acropora jacquelineae*, *Acropora retusa*, *Acropora speciosa*, *Euphyllia paradivisa*, *Isopora crateriformis*, and *Seriatopora aculeata*) ([85 FR 76262](#)). If requested, NMFS will hold at least one public hearing on this proposal. Comments on the proposed critical habitat designation are due 26 JAN 21.

CRITICAL HABITAT FOR THREATENED CARIBBEAN CORALS. NMFS is proposing to designate critical habitat for five threatened Caribbean corals (*Orbicella annularis*, *O. faveolata*, *O. franksi*, *Dendrogyra cylindrus*, and *Mycetophyllia ferox*) ([85 FR 76302](#)). NMFS proposes to designate 5,900 square miles of marine habitat. Comments to the proposed critical habitat designation are due 26 JAN 21.

DRAFT BIOLOGICAL EVALUATION OF GLYPHOSATE. EPA has posted a draft biological evaluation (BE) for the registration review of the pesticide glyphosate, used in the herbicide Roundup ([85 FR 76071](#)). The review is being conducted as part of a 22 OCT 19 settlement in Center for Biological Diversity et al. v. EPA et al. that includes other pesticides. If EPA determines a pesticide may affect a listed species or its designated critical habitat, EPA must initiate informal or formal consultation with the FWS and/or the NMFS. The draft BE executive summary indicates that glyphosphate has potential to adversely affect most (1,676) of the 1,795 species reviewed, which includes mammals, birds, amphibians, reptiles, fish, plants, and aquatic and terrestrial invertebrates. The draft BE is posted [here](#). Comments are due 26 JAN 21.

TOXICS

TRICHLOROETHYLENE (TCE) FINAL RISK EVALUATION. After evaluating 54 conditions of the use of TCE, EPA determined that TCE presents an unreasonable risk under 52 conditions of use. This includes unreasonable risks to health of workers during occupational exposures, and to consumers and bystanders during exposures to consumer uses. These unreasonable risks include potential immunosuppression from acute exposures, and autoimmunity and cancer from chronic exposures. The risk evaluation for TCE can be found [here](#).

WASTE

NATIONAL GOAL TO INCREASE RECYCLING RATE. In November, EPA Administrator Andrew Wheeler convened EPA's third annual America Recycles Summit to discuss the draft National Recycling Strategy and [unveiled](#) a National Recycling Goal to increase the national recycling rate to 50 percent by 2030. Administrator Wheeler also encouraged the public to comment on how EPA can measure progress and the actions needed to achieve these three key objectives in the draft National Recycling Strategy:

- Reduce Contamination in Recycling: Reducing the percentage of the wrong materials in the recycling stream helps ensure clean recyclable materials, such as paper, glass or plastic, can be processed and made into new products.
- Make Our Recycling Processing System More Efficient: Making our processing system more efficient will help more of the material that is intended to be recycled get recycled.
- Strengthen the Economic Markets for Recycled Materials: Strengthening the economic markets for recycled materials will help manufacturers make more products using recycled materials and encourage demand from consumers for more products that are made with recycled materials.

For more information on the America Recycles Summit, click [here](#). To comment on the draft National Recycling Strategy, click [here](#).

WATER

NPDES ELECTRONIC REPORTING RULE — PHASE 2 EXTENSION. EPA issued a final rule to postpone the compliance deadlines for implementation of Phase 2 of the National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule

(NPDES eRule) ([85 FR 69189](#)). The NPDES eRule requires EPA and states to modernize Clean Water Act reporting. Additional information regarding the rulemaking can be found [here](#). The final rule is effective 4 JAN 21.

Department of Defense Activity

DOD DEMONSTRATES BIOBASED GREASE PERFORMANCE FOR NON-TACTICAL EQUIPMENT. DOD's Sustainable Products Center has completed demonstration for use of biobased multipurpose grease in non-tactical equipment. Information can be found [here](#), along with [other completed demonstrations](#) for biobased products.

DOD DIRECTIVE 3150.08, DOD RESPONSE TO U.S. NUCLEAR WEAPON AND RADIOLOGICAL MATERIAL INCIDENTS. The Office of the Under Secretary of Defense for Acquisition and Sustainment has reissued [DOD Directive 3150.08](#), DOD Response to U.S. Nuclear Weapon and Radiological Material Incidents. This issuance establishes policy and assigns responsibilities for the DOD response to U.S. nuclear weapon and radiological material incidents in DOD custody. It replaces the previous edition, issued 20 JAN 20.

DOD's SERDP SEEKING ENVIRONMENTAL AND RESEARCH PROPOSALS FOR FY22. The Department of Defense's Strategic Environmental Research and Development Program ([SERDP](#)) is seeking environmental research and development proposals for funding beginning in Fiscal Year (FY) 2022. All submissions must be in response to a Statement of Need associated with the solicitation. Researchers from federal organizations, universities, and private industry can apply for SERDP funding via the appropriate solicitation found [here](#). Pre-proposals are due 7 JAN 21. SERDP addresses high-priority environmental needs of DOD, Department of Energy and EPA. SERDP invests across the broad spectrum of basic and applied research, as well as advanced development.

DOD SUSTAINABILITY REPORT AND IMPLEMENTATION PLAN. The [Department of Defense Sustainability Report and Implementation Plan FY 2020](#) describes how DOD's sustainability program supports the National Defense Strategy by improving military readiness through resilient infrastructure and business reforms to increase efficiency and reduce costs. DOD leverages technology to create new and innovative solutions to existing and emerging human health and environmental challenges. The 2020 and prior plans are maintained on DENIX, [here](#). DOD Sustainability Scorecards are available [here](#).

NOVEMBER 2020 EDITION OF THE CORPS ENVIRONMENT. [The Corps Environment](#) is an online quarterly news magazine published by the U.S. Army Corps of Engineers (USACE) to provide information about USACE and U.S. Army environmental initiatives, policies, and technologies. The November edition highlights fostering sustainability as a way of life, in support of Environmental Operating Principle #1. Content includes commentary from Maj. Gen. Jeffrey Milhorn, USACE Deputy Commanding General for Military and International Operations, discussing how sustainability ensures mission success in the present and future; and features sustainability initiatives across the Army environmental community. Past editions can be found [here](#).

Professional Development

DOD TRAINING SOURCES

2020 READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION WEBINAR SERIES. DOD's REPI Program concluded its REPI Webinar Series for 2020. The series showcased best practices and lessons learned from REPI partnerships nationwide that supported military missions and accelerated the pace of conservation. The complete 2020 REPI Webinar Series is available for download [here](#). The last installment, [Exploring Endangered Species Crediting Strategies](#), was held 9 DEC 20.

AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING. The [Air Force Civil Engineer School](#) offers a variety of environmental management courses and seminars, including Interservice Environmental Education Review Board offerings. Courses are available to all military and civilian employees of the U.S. government, free of charge. Due to DOD travel restrictions, all resident course offerings are cancelled or postponed through 2020. The Civil Engineer School will continue delivering satellite and web course offerings throughout this period, although dates and times are subject to change.

NAVY CIVIL ENGINEER CORPS OFFICERS SCHOOL TRAINING. The [Navy Civil Engineer Corps Officers School](#) (CECOS) offers training on environmental management, pollution prevention, environmental compliance, environmental conservation and planning, and environmental restoration. Energy course offerings include Leadership in Energy and Environmental Design, Energy Information Administration, and Energy Technology Information. Click [here](#) for information on course offerings and times. Courses offered by CECOS are available to all military and civilian employees of the U.S. government, free of charge. Travel costs are borne by the student.

STRATEGIC ENVIRONMENTAL RESEARCH AND DEVELOPMENT PROGRAM (SERDP) AND ENVIRONMENTAL SECURITY TECHNOLOGY CERTIFICATION PROGRAM (ESTCP) WEBINAR SERIES. DOD's environmental research and development funding programs ([SERDP and ESTCP](#)) launched a [webinar series](#) to promote the transfer of innovative, cost-effective, and sustainable solutions developed using SERDP and ESTCP funding. Live webinars are offered every two weeks on Thursdays from 12:00 p.m. Eastern for 90 minutes. Most webinars feature two 30-minute presentations and interactive question and answer sessions on topics targeted for DOD and Department of Energy audiences. Prior presentations are archived for viewing any time. Recently archived webinars are available on demand [here](#).

USACE PROSPECT Training. The USACE FY 2021 PROSPECT (Proponent-Sponsored Engineer Corps Training) purple book has been released. Courses are open to federal, state, county, and city employees and contractors. There are different registration processes for each entity. Refer to the [course schedule](#) for the latest information relating to PROSPECT courses.

USACE ENGINEERING WITH NATURE. The USACE Engineering with Nature (EWN) [podcast series](#) offers stories from a diverse network of scientists, engineers, researchers, and practitioners to discuss nature-based solutions for water and infrastructure projects.

FEDERAL TRAINING SOURCES

BIOBASED PRODUCT TRAINING SERIES. The U.S. Department of Agriculture offers a series of [on-demand training modules](#) about biobased products and the BioPreferred® Program. View training modules [here](#).

CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES. This U.S. Geological Survey [webinar series](#) was developed to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

ENERGY STAR. EPA's [Energy Star program](#) helps identify and promote energy efficiency in products, homes, and buildings. EPA hosts a [webinar series](#) that covers a range of topics, from how to benchmark in Portfolio Manager to financing energy efficiency improvements to how to engage building occupants.

EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY. Learn about key issues, successful projects, and a variety of best management practices for creating waste management programs, from the series of [live and archived webinars](#). Building on the familiar concept of [Reduce, Reuse, Recycle](#), sustainable materials management is a systemic approach that seeks to reduce materials use and their associated environmental impacts over their entire life cycle, starting with extraction of natural resources and product design and ending with decisions on recycling or final disposal. The format is a formal presentation followed by a question and answer session.

FEDERAL FACILITIES ACADEMY. The [Federal Facilities \(FF\) Academy](#), hosted by EPA, is a voluntary training program developed for EPA Remedial Project Managers, project managers from other federal agencies, state government, and tribal groups who work on federal facility Superfund cleanups. The FF Academy offers [webinars](#) and [classroom training](#). Webinars are archived for on-demand viewing. Classroom training is offered in various locations throughout the year and may be available to non-EPA personnel, depending on the specific course and space availability.

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER. [FedCenter.gov](#) is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information, such as:

- Program development (e.g., environmental management systems, green procurement program).
- Federal and state regulatory requirements for various facility activities;
- Access to [environmental assistance](#).
- Access to free, [FedCenter-sponsored courses](#).
- [Partnerships](#).

FedCenter also provides member assistance services such as collaboration tools for workgroups, environmental reporting tools, and daily newsletter and subscription services.

FEMP eTRAINING COURSES. The U.S. Department of Energy's Federal Energy Management Program (FEMP) offers interactive, [eTraining courses](#) to help federal agencies develop core competencies and comply with energy efficiency, renewable energy, water management, and sustainability requirements. FEMP is partnering with the National Institute of Building Sciences' Whole Building Design Guide to host these comprehensive, FEMP-developed eTraining courses.

FISH AND WILDLIFE RESTORATION WEBINAR SERIES. FWS [Fiscal 2020 Restoration Webinar Series](#) is a venue for disseminating new approaches, best management practices, and innovative restoration techniques to some of the nation's greatest restoration challenges. The series covers a broad spectrum of topics including planning and implementing restoration projects, project monitoring and evaluation at multiple time scales, accounting for a changing climate in restoration, regional restoration planning and priority setting, and permitting. All webinars are recorded and available for public viewing at any time. Archived webinars are available [here](#).

GENERAL CONFORMITY TRAINING MODULES. The General Conformity Rule ensures that the actions taken by federal agencies in nonattainment and maintenance areas do not interfere with a state's plans to meet national standards for air quality. EPA's [online conformity training program](#) covers all aspects of the rule and is divided into four modules.

GUIDING PRINCIPLES FOR SUSTAINABLE FEDERAL BUILDINGS. This training series from the Federal Energy Management Program provides updated guidance for complying with the 2016 Guiding Principles for Sustainable Federal Buildings. The series consists of five on-demand courses:

- [2016 Guiding Principle I: Employ Integrated Design Principles and Introduction.](#)
- [2016 Guiding Principle II: Optimize Energy Performance.](#)
- [2016 Guiding Principle III: Protect and Conserve Water.](#)
- [2016 Guiding Principle IV: Enhance Indoor Environmental Quality.](#)
- [2016 Guiding Principle V: Reduce Environmental Impact of Materials and Guiding Principle VI - Assess and Consider Climate Change Risks.](#)

INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL TRAINING. ITRC is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA's Technology Innovation and Field Services Division, ITRC delivers [training courses](#) to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus based ITRC guidance documents.

PFAS ROUNDTABLE II. The [Interstate Technology and Regulatory Council](#) (ITRC) hosted an “ask the experts” roundtable on PFAS that focused on PFAS fate and transport in the environment, available physical and chemical properties of PFAS, and unique considerations for PFAS site characterization. The roundtable session, held live 8 OCT 20, can be viewed anytime from Clu-In’s [archived training seminars](#).

SUSTAINABLE ACQUISITION FOR FEDERAL AGENCIES. The two-hour [course](#) provides staff involved in specifying and purchasing with a thorough introduction to compliance requirements, processes, and tools for procuring sustainable products and services. Participants will receive specific guidance on how to meet executive order and Federal Acquisition Regulation requirements and understand how sustainable acquisition benefits their agency, community, and the environment.

SUSTAINABLE ACQUISITION TRAINING RESOURCES. The interagency federal Sustainable Acquisition & Materials Management Practices Workgroup compiled a [spreadsheet](#) of sustainable acquisition training resources developed or hosted by federal agencies that are available to government employees, businesses, and non-governmental organizations.

WATER MANAGEMENT BASICS. This FEMP [online course](#) provides a concise introduction to comprehensive water management, to include key topic areas of basic water management terminology, history of federal water mandates, best practices associated with comprehensive water management, and proven water conservation financing mechanisms and strategies. The three-module course offers a thorough overview of water management in the federal context:

- Module One: Introduction to Federal Water Management.
- Module Two: Introduction to Comprehensive Water Management.
- Module Three: Financing and Launching Water Management Projects.

WATER RESEARCH WEBINAR SERIES. EPA's Office of Research and Development hosts this [webinar series](#) to share current research activities and results. The webinars are available in real time or on demand for previously held events. A [September webinar](#), SARS CoV-2 in Wastewater Monitoring: Linking Research and Application to Meet Immediate Needs, is available on demand. Scheduled events include:

- 27 JAN 21 Disinfection Byproducts Formation Tools for Drinking Water Utilities.
- 31 MAR 21 Fit-for-Purpose Water Updates and Life Cycle Comparisons of Non-Potable Water Reuse Scenarios.

WATER/WASTEWATER UTILITY ALL-HAZARDS BOOTCAMP TRAINING. Hosted by EPA, this [training course](#) is designed for water and wastewater employees responsible for emergency response and recovery activities. It also explains why and how to implement an all-hazards program, and will cover prevention and mitigation, preparedness, response, and recovery.

OTHER TRAINING RESOURCES

QUALITY CONSIDERATIONS FOR MUNITIONS RESPONSE SITES. ITRC has released an [on-demand training video](#) that provides a 30-minute introductory overview of ITRC’s [Quality Considerations for Multiple Aspects of Munitions Response Sites](#) guidance document. The training explains the decision logic used throughout a munitions response (MR) project and assists in developing the quality assurance and quality control activities that ensure quality data and confidence in decisions. The training provides an overview of the MR process and identifies specific quality considerations at critical decision points for MR projects.

86TH NORTH AMERICAN WILDLIFE AND NATURAL RESOURCES CONFERENCE/WORKSHOP. The Wildlife Management Institute has [announced](#) that the 2021 conference will be implemented virtually, from 8-12 MAR 21. The North American Conference sessions, workshops and more than 150 separate meetings and functions serve as the annual forum to set conservation policy in North America.

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How the Regional Offices Work for You

The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations.

The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DOD is being developed, REEOs work with the other military Services to assure that DOD and Services' interests are represented.

To comment on items in the *Southern Review*, please contact the Regional Counsel listed at the top of page two.

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