

URBANWATERS

FEDERAL PARTNERSHIP

Restoring Urban Waters, Revitalizing Communities

Urban Waters Federal Partnership Technical Assistance Guide

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National Institute of Environmental Health Sciences



FEMA

Table of Contents

Urban Waters Federal Partnership Technical Assistance Guide	1
Summary and Objectives	1
Focus Areas for Technical Assistance Guide	2
Urban Waters Federal Partnership	3
Technical Assistance Resources	3
Department of Agriculture.....	4
Forest Service, State and Private Forestry, Urban and Community Forestry.....	4
Forest Service, Forest Stewardship Program (FSP).....	4
Forest Service, Community Forest and Open Space Program (Community Forestry Program).....	5
Natural Resources Conservation Service (NCRS), Conservation Technical Assistance (CTA) Program.....	5
Natural Resources Conservation Service (NCRS), Emergency Watershed Protection (EWP) Program - Recovery Assistance	6
Natural Resources Conservation Service (NCRS), Watershed and Flood Prevention Operations (WFPO) Program.....	6
Natural Resources Conservation Service (NCRS), Watershed Rehabilitation Program	7
Department of Commerce.....	7
Economic Development Administration (EDA), Economic Development Assistance	7
Economic Development Administration (EDA), Public Works Program.....	8
Economic Development Administration (EDA), Planning Program	8
Economic Development Administration (EDA), Local Technical Assistance	9
Department of Commerce/National Oceanic and Atmospheric Administration (NOAA)	10
NOAA Damage Assessment, Remediation, and Restoration Program (DARRP)	10
National Marine Fisheries Services (NMFS), Bay Watershed Education and Training (B-WET) Program.....	11
National Marine Fisheries Services (NMFS), Community-based Restoration Program.....	11
Office for Coastal Management, Digital Coast.....	12
Office of Response and Restoration, Marine Debris Program.....	12
Office of Oceanic and Atmospheric Research, National Sea Grant College Program	13
Corporation for National & Community Service.....	13
AmeriCorps, AmeriCorps National Civilian Community Corps (NCCC).....	13
AmeriCorps, AmeriCorps VISTA.....	14

Department of Education 14

Office of Elementary and Secondary Education, State Support Network..... 14

Office of Elementary and Secondary Education, Reform Support Network (RSN) 15

Office of Safe and Healthy Students, National Center on Safe Supportive Learning Environments 15

National Center for Education Statistics, State Support Team (SST) 16

Green Ribbon Schools 16

Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance (NCEE)..... 17

Department of Energy..... 17

Office of Energy Efficiency & Renewable Energy, State and Local Solution Center..... 17

Office of Energy Efficiency & Renewable Energy, Weatherization Assistance Program 18

Office of Indian Energy Policy and Programs, Technical Assistance 18

Office of Energy Efficiency & Renewable Energy, Better Buildings Residential Program Solution Center 19

Office of Energy Efficiency & Renewable Energy, State and Local Energy Efficiency Action Network (SEE Action) 19

Office of Energy Efficiency & Renewable Energy, Clean Cities Technical Assistance..... 20

Office of Energy Efficiency & Renewable Energy, Other Technical Assistance..... 20

Environmental Protection Agency..... 21

Office of Water, Estuaries and the National Estuary Program (NEP)..... 21

Office of Land and Emergency Management, Superfund Program, Technical Assistance Services for Communities 22

Office of Land and Emergency Management, Superfund Program, Superfund Redevelopment Initiative 23

Office of Community Revitalization, Smart Growth Technical Assistance Programs 24

Office of Land and Emergency Management, Brownfields Technical Assistance, Training and Research 25

Office of Water, Nonpoint Sources (NPS) Pollution 25

Office of Water, Total Maximum Daily Loads (TMDLs)..... 26

Office of Water, Creating Resilient Water Utilities (CRWU) 26

Office of Water, Financial Technical Assistance and Tools for Water Infrastructure, Technical Assistance Partners 27

Office of Water, Financial Technical Assistance and Tools for Water Infrastructure, WaterCARE 27

Office of Chemical Safety and Pollution Prevention (OCSP), Pollution Prevention (P2) Resources for Business 28

Office of Chemical Safety and Pollution Prevention (OCSP), Safer Choice Program 28

Centers for Disease Control and Prevention (CDC) 29

National Center for Environmental Health, CDC’s Safe Water Program..... 29

National Center for Environmental Health, Water-related Technical Assistance and Emergency Response..... 29

Agency for Toxic Substances and Disease Registry, Assessment of Chemical Exposures (ACE) Program..... 30

National Institute of Environmental Health Sciences (NIEHS)	31
Worker Training Program (WTP).....	31

Department of Homeland Security	32
Federal Emergency Management Agency (FEMA), Office of Response and Recovery	32
Federal Emergency Management Agency (FEMA), National Preparedness Directorate (NPD).....	32
Federal Emergency Management Agency (FEMA), Grant Programs Directorate (GPD).....	33
Federal Emergency Management Agency (FEMA), National Continuity Programs (NCP).....	33
Department of Homeland Security Center for Faith-Based & Neighborhood Partnerships	34

Department of Housing and Urban Development (HUD)	34
Office of Community Planning and Development, Community Compass Initiative (Community Compass)	34
Office of Community Planning and Development, Community Development Block Grant (CDBG) Entitlement Program	35
Office of Community Planning and Development, State Community Development Block Grant (CDBG)	36

Department of the Interior	37
National Park Service (NPS), Rivers, Trails, and Conservation Assistance Program	37
National Park Service (NPS), Cooperative Ecosystem Studies Units Network (CESU).....	37
National Park Service (NPS), Cultural Resources Geographical Information Systems Facility (CRGIS)	38
National Park Service (NPS), Healthy Parks Healthy People National Program	38
National Park Service (NPS), Historic Preservation Training Center	39
National Park Service (NPS), Park Planning	39
National Park Service (NPS), Research Learning Centers (RLC)	40
United States Geological Survey (USGS), Cooperative Matching Funds (CMF).....	41
United States Geological Survey (USGS), National Land Imaging Program	42
Bureau of Reclamation, Native American Affairs Technical Assistance Program	42



Department of Transportation 43

Federal Highway Administration (FHWA), Every Day Counts (EDC)..... 43

Federal Highway Administration (FHWA), FHWA Resource Center..... 43

Federal Highway Administration (FHA), Federal Transit Administration (FTA) – Transportation Planning Capacity Building Program (TPCB)..... 44

Federal Highway Administration (FHWA), National Highway Institute (NHI) 44

Federal Transit Administration (FTA), Training and Technical Assistance 45

Federal Transit Administration (FTA), National Transit Institute (NTI) 45

Federal Transit Administration (FTA), Transit Cooperative Research Program (TCRP) 46

Federal Transit Administration (FTA), Mobility on Demand Innovation and Knowledge Accelerator (IKA)..... 46

Federal Transit Administration (FTA), National Rural Transit Assistance Program (RTAP)..... 47

Federal Transit Administration (FTA), National Center for Mobility Management (NCMM) 47

Multi-State Transit Technical Assistance Program (MTAP)..... 48

Intelligent Transportation System (ITS) Peer-to-Peer Support Program (P2P)..... 48

Federal Highway Administration (FHA), Data and Analysis Technical Assistance Program 49

Federal Highway Administration (FHA), Roadway Data Improvement Program (RDIP) 49

Department of the Treasury..... 50

Community Development Financial Institutions Fund (CDFI Fund), Community Development Financial Institutions Program (CDFI Program)..... 50

United States Army Corps of Engineers (USACE)..... 50

Environment, Estuary Restoration 50

Environment, Aquatic and Wetlands Ecosystems Research and Development Center 51

Planning Assistance to States (PAS) 52

Floodplain Management Services (FPMS)..... 53

Silver Jackets Program 54

Watershed Studies..... 55

Continuing Authorities Program (CAP) 55

Engineer Research and Development Center, Engineering with Nature..... 56

Summary and Objectives

The Urban Waters Federal Partnership (UWFP) Technical Assistance Guide serves as a comprehensive resource on federal technical assistance programs available to local, state and tribal governments, community-based organizations, nonprofit organizations, educational institutions and other related stakeholders. The technical assistance programs in this guide are representative of the 15 federal agency partners of the Urban Waters Federal Partnership. Programs listed in the guide focus on non-financial assistance, capacity building, information sharing, expertise, tools and resources, skills training and technology transfer.

Each entry includes the technical assistance program name, description of its purpose, its primary activities, information on who is eligible to receive assistance, details on how to access the assistance and weblinks to follow for more information. Technical assistance programs within this guide are categorized according to Urban Waters focus areas, ranging from brownfields cleanup to improving youth engagement, which relate closely to the [Urban Waters Vision, Mission, Principles](#).

This guide is intended to support Urban Waters Locations, providing a one-stop shop for communities across the country to access technical assistance. The technical assistance programs can help advance the revitalization of urban waterways and the communities that surround them.

This document is intended to serve as a companion document to the [Community-Based Federal Environmental Justice \(EJ\) Resource Guide](#), a guide providing resources to assist communities with technical or financial assistance, and the Sustaining the Urban Waters Program in 2019 and Beyond: New Strategies to Support and Expand the Program (currently in draft).



Focus Areas for Technical Assistance Guide

Technical assistance programs within this guide are categorized according to the focus areas listed below. Many technical assistance programs relate to multiple focus areas. These categories relate closely to the [*Urban Waters Vision, Mission, Principles.*](#)

- Brownfields
- Coastal Waters
- Community and Housing Development
- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools
- Public Health
- Resilience
- Trails, Forests and Parks
- Urban Agriculture
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Watershed Access
- Youth Engagement



Technical Assistance Resources

Summary

The Urban Waters Program aims to support projects and build partnerships with a variety of federal, state, tribal and local partners that foster increased connection, understanding and stewardship of local waterways. The Urban Waters Program offers technical assistance through several vehicles, including the Urban Waters Learning Network (UWLN); Environmental Protection Agency (EPA) Headquarters initiatives and contractor support; and EPA Regions.

EPA partnered with two organizations, Groundwork USA and River Network, to establish the UWLN. The UWLN provides technical assistance, webinars and learning opportunities to over 350 organizations all over the country. Such opportunities for technical support and collaboration include scholarships to attend River Rally, hosted by River Network, which offers a variety of technical sessions. The UWLN also offers the Learning Network Awards program, which includes funding and services to build organizational capacity and recognize individuals or organizations. The UWLN also offers vetted technical resources, such as the first edition of *Learners to Leaders: The Environmental Justice Literacy Curriculum*.

EPA's contractor assistance supports the Urban Waters Federal Partnership locations to conduct needs assessments, connect the locations to resources, and assist with requests related to projects and partners. The Urban Waters Federal Partnership hosts monthly calls and creates newsletters on available resources and updates from the partnership locations. EPA Regions oversee the implementation of EPA-sponsored Urban Waters technical assistance projects.

The Urban Waters Program also hosts a biennial Urban Waters National Training Workshop that brings together hundreds of Urban Waters practitioners working in diverse watersheds across the United States, ensuring a vast variety of technical sessions.

Further Information

<https://www.urbanwaters.gov>

<http://www.urbanwaterslearningnetwork.org/>

<https://www.epa.gov/urbanwaters>

<https://www.nfwf.org/fivestar/Pages/home.aspx>

Forest Service, State and Private Forestry, Urban and Community Forestry

Summary

Active in nearly 8,000 communities around the country, the Urban and Community Forestry program supports forest health, creates jobs, contributes to regional wood economies, enhances community resilience, and provides varied financial assistance to support Urban Waters Partnership activities. The program works with state partners to deliver tools and financial resources, information, and fact-based, data-driven best practices to maintain, restore, and improve community forest land across the United States. Technical support is provided to communities by state forestry agencies and non-profit partners for local actions, such as conducting tree inventories, preparing management plans and policies, and planting and caring for trees.

Further Information

<https://www.fs.fed.us/managing-land/urban-forests/ucf>

https://www.fs.fed.us/ucf/supporting_docs/contacts/SPF-UCF-Contacts_20181009.pdf

Focus Area(s)

- Job Training and Economic Development
- Mapping/Data Tools
- Resilience
- Trails, Forests and Parks

Forest Service, Forest Stewardship Program (FSP)

Summary

The Forest Stewardship Program (FSP) works in partnership with state forestry agencies, cooperative extensions, and conservation districts to connect private landowners with the information and tools they need to manage their forests and woodlands. FSP works to assist landowners to actively manage their land and related resources, keep land in a productive and healthy condition for present and future owners and increase economic benefits of land (e.g., timber harvesting) while conserving the natural environment. FSP also helps landowners identify goals for their land and the management activities needed to realize them.

Further Information

<https://www.fs.fed.us/managing-land/forest-stewardship/program>

<https://www.fs.fed.us/about-agency/contact-us/forest-stewardship>

Focus Area(s)

- Job Training and Economic Development
- Trails, Forests and Parks

Forest Service, Community Forest and Open Space Program (Community Forestry Program)

Summary

The Community Forest and Open Space Conservation Program (Community Forest Program) of the Forest Service helps communities acquire and conserve forests that provide public access and recreational opportunities, protect vital water supplies and wildlife habitat, serve as demonstration sites for private forest landowners, and provide economic benefits from timber and non-timber products. In some regions, such as New England, there is a long tradition of publicly owned and managed community forests. These forests are used to produce wood products, provide public benefits such as recreation access and hunting, protect local water supplies and more. The Community Forest Program is helping more communities establish locally owned and managed forests to provide an array of benefits. Recently funded projects such as Atlanta, Georgia's "Food Forest" and the "Jefferson Memorial Forest" in Louisville, Kentucky are examples of forest conservation projects within urban areas that provide the public with opportunities to learn about forest management and enjoy recreation and reflection in the forest.

Further Information

<https://www.fs.fed.us/managing-land/private-land/community-forest/program>

Focus Area(s)

- Job Training and Economic Development
- Trails, Forests and Parks
- Watershed Access
- Water Conservation/Protection/Restoration

Natural Resources Conservation Service (NCRS), Conservation Technical Assistance (CTA) Program

Summary

The Natural Resources Conservation Service (NCRS) and its partners provide technical assistance to land users through the Conservation Technical Assistance (CTA) Program. The program is available to any group or individual interested in conserving natural resources, including farmers, ranchers, local units of government, citizen groups, recreation groups, tribal governments, professional consultants, and state and federal agencies. Technical assistance provided under the program can assist land users in a variety of ways, and may be in the form of resource assessment, practice design and resource monitoring.

Further Information

<https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/>

<https://offices.sc.egov.usda.gov/locator/app>

Focus Area(s)

- Mapping/Data Tools
- Trails, Forests and Parks
- Urban Agriculture
- Watershed Access
- Water Conservation/Protection/Restoration

Natural Resources Conservation Service (NCRS), Emergency Watershed Protection (EWP) Program - Recovery Assistance

Summary

The Emergency Watershed Protection (EWP) Program allows communities to quickly address serious and long-lasting damages to infrastructure and land, including adverse impacts resulting from natural disasters. The Natural Resources Conservation Service (NCRS) provides technical assistance for a variety of activities under EWP Program – Recovery. This can include removing debris from stream channels, road culverts, and bridges, reshaping and protecting eroded streambanks and lands, correcting damaged drainage facilities, and repairing conservation practices and existing infrastructure. Public and private landowners can apply for assistance for EWP Program - Recovery projects through a local sponsor, or a legal subdivision of state or tribal government. Eligible sponsors include cities, counties, towns, conservation districts, flood and water control districts, or any federally recognized Native American tribe or tribal organization.

Further Information

<https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/landscape/ewpp/?cid=nrcseprd1381472>

Focus Area(s)

- Brownfields
- Infrastructure
- Resilience
- Water Conservation/Protection/Restoration

Natural Resources Conservation Service (NCRS), Watershed and Flood Prevention Operations (WFPO) Program

Summary

The Watershed and Prevention Operations (WFPO) Program helps units of federal, state, local and tribal government (project sponsors) protect and restore watersheds up to 250,000 acres. This program fosters collaboration between the federal government, the states and their political subdivisions. Activities focus on flood prevention and water quality improvements and management and rural, municipal and industrial water supply.

Statutory and regulatory criteria include:

- Public sponsorship
- Watershed projects up to 250,000 acres
- Benefits that are directly related to agriculture, including rural communities

Further Information

https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/landscape/wfpo/?cid=nrcs143_008271

Focus Area(s)

- Infrastructure
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Watershed Access
- Urban Agriculture

Natural Resources Conservation Service (NRCS), Watershed Rehabilitation Program

Summary

The Watershed Rehabilitation Program helps project sponsors rehabilitate aging dams by addressing critical public health and safety concerns. Watershed rehabilitation improves water quality through sediment and erosion control and creates economic growth and job opportunities. Local sponsors request funding assistance from the Natural Resources Conservation Service (NRCS) when a potential rehabilitation project is identified. NRCS and project sponsors develop a comprehensive watershed plan that addresses environmental impacts, costs and benefits, planned conservation practices, and the responsibilities of involved parties.

Further Information

https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/landscape/wr/?cid=nrcs143_008448

Focus Area(s)

- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools
- Public Health
- Watershed Access
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Economic Development Administration (EDA), Economic Development Assistance

Summary

The Economic Development Administration (EDA) provides strategic investments and partnerships that create the regional economic ecosystems required to foster globally competitive regions throughout the United States. EDA supports development in economically distressed areas of the United States by fostering job creation and attracting private investment. Assistance provided through this program will help non-profit organizations, state governments, Native American tribal governments, county and/or city governments, and private institutions leverage regional assets to support the implementation of regional economic development strategies designed to create jobs, leverage private capital, and encourage economic development.

Further Information

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=306735>

Focus Area(s)

- Community and Housing Development
- Environmental Justice
- Infrastructure
- Job Training and Economic Development

Economic Development Administration (EDA), Public Works Program

Summary

The Economic Development Administration's (EDA) Public Works program helps distressed communities revitalize, expand and upgrade their physical infrastructure. Projects supported aim to help encourage business expansion, diversify local economies, and generate or retain long-term, private-sector jobs and investment. The program works with state partners and invests in the land development and infrastructure improvements needed for successful establishment or expansion of economic enterprises. Support is provided to communities through developing key infrastructure such as: water and sewer systems improvements, industrial parks, business incubator facilities, expansion of port and harbor facilities, skill-training facilities and brownfields redevelopment.

Further Information

<https://www.eda.gov/pdf/about/Public-Works-Program-1-Pager.pdf>

<https://www.eda.gov/funding-opportunities/>

Focus Area(s)

- Brownfields
- Community and Housing Development
- Environmental Justice
- Infrastructure
- Job Training and Economic Development
- Public Health
- Resilience

Economic Development Administration (EDA), Planning Program

Summary

The Economic Development Administration (EDA) Planning Program assists local and regional organizations with strategic and regional economic development planning (known as Partnership Planning), and project/area-specific planning (known as Short Term Planning). The program provides essential investment support to district organizations, Native American organizations, states, sub-state planning regions, urban counties, cities and other eligible recipients. Two categories of support are available for long-term, comprehensive economic development planning investments for District Organizations, Native American organizations, and other eligible entities as well as short-term, project-specific planning investments to states, sub-state planning regions and urban areas. Partnership planning investments facilitate the development, implementation, revision or replacement of Comprehensive Economic Development Strategies (CEDs), which articulate and prioritize the strategic economic goals of recipients' respective regions.

Further Information

<https://www.eda.gov/pdf/about/Planning-Program-1-Pager.pdf>

<https://www.eda.gov/funding-opportunities/index.htm>

Focus Area(s)

- Environmental Justice
- Community and Housing Development
- Job Training and Economic Development

Economic Development Administration (EDA), Local Technical Assistance

Summary

The Local Technical Assistance program helps analyze the feasibility of potential economic development projects, determine whether the market will support an activity or site, and prevent costly mistakes and misguided investments. The program is designed to help promote economic development and alleviate unemployment, underemployment and outmigration in distressed regions. The program works with eligible recipients, including local or state organizations, higher education institutions, and Indian Tribes to guide the creation and retention of high-quality jobs.

Further Information

<https://www.eda.gov/pdf/about/Local-TA-and-UC-Program-1-Page.pdf>

<https://www.eda.gov/programs/eda-programs/>

Focus Area(s)

- Environmental Justice
- Community and Housing Development
- Job Training and Economic Development



NOAA Damage Assessment, Remediation, and Restoration Program (DARRP)

Summary

The National Oceanic and Atmospheric Administration (NOAA) provides technical assistance to cleanup agencies, like the EPA, United States Coast Guard, and state environmental agencies, at hazardous waste sites and for oil spills into coastal waters. Many of these sites and incidents are in Urban Water locations. NOAA is a natural resource trustee for coastal resources. These resources include, migratory fish and their habitats and recreational uses of these public resources. DARRP coordinates with remedial agencies and responsible parties to address damages to natural resources by assessing and minimizing impacts of contaminants and remedial measures on natural resources and performing restoration activities as part of natural resource damage assessments. This restoration can be coordinated with regional restoration plans developed by the public and other entities.

NOAA's Office of Response and Restoration (ORR) can provide technical assistance to communities on developing strategies for cleaning up and restoring coastal sites and urban rivers. When applicable, NOAA can also provide assistance in technical grant writing/review and provide partnership letters of support. NOAA maintains regional databases that can help inform assessment, remediation and restoration efforts. NOAA can also help in providing federal support in coordinating with other agencies to support redevelopment and restoration efforts in urban river areas.

Further Information

<https://www.darrp.noaa.gov/>

Focus Area(s)

- Brownfields
- Coastal Waters
- Community and Housing Development
- Environmental Justice
- Mapping/Data Tools
- Public Health
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

National Marine Fisheries Services (NMFS), Bay Watershed Education and Training (B-WET) Program

Summary

Environmentally literate citizens with the skills and knowledge to make well-informed environmental choices are the key to sustaining the nation's ocean and coastal environments. The Bay Watershed Education and Training (B-WET) Program provides professional development for educators to promote locally relevant, environmentally related STEM education opportunities to students in grades K through 12. These projects emphasize meaningful watershed educational experiences through sustained, hands-on, experiential activities aligned with academic learning standards and regional education and environmental priorities. B-WET is administered locally through regional NOAA entities working closely with communities to ensure the program meets the needs of constituents.

Further Information

<https://www.noaa.gov/office-education/bwet>

<https://www.noaa.gov/sites/default/files/atoms/files/PDF-2017bwetfactsheet-030818-BWET.pdf>

Focus Area(s)

- Coastal Waters
- Community and Housing Development
- Watershed Access
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Youth Engagement

National Marine Fisheries Services (NMFS), Community-based Restoration Program

Summary

The NOAA Community-based Restoration Program provides technical assistance for restoration projects that ensure fish have access to high-quality habitat. The goal of these projects is to recover and sustain fisheries—particularly those species listed as endangered or threatened under the Endangered Species Act or those managed by NOAA Fisheries. Projects range from improving access to habitat by removing dams and other barriers, to restoring coral and oyster reefs, to rebuilding coastal wetlands. Eligible recipients are institutions of higher education, non-profits, commercial (for profit) organizations, United States territories, and state, local and Native American tribal governments.

Further Information

<https://www.fisheries.noaa.gov/national/habitat-conservation/strategic-habitat-restoration>

Focus Area(s)

- Coastal Waters
- Community and Housing Development
- Environmental Justice (EJ)
- Resilience
- Water Conservation/Protection/Restoration

Office for Coastal Management, Digital Coast

Summary

The Digital Coast is an information resource developed for those who manage the nation's coasts. This enabling platform provides access to the geospatial data, tools, training and case studies that can be used by communities to address issues such as coastal hazards, coastal and marine spatial planning, and climate change. The resources contained within the Digital Coast were developed for users with a wide range of technical capacities and are available free-of-charge. The target audience is the coastal management community. The NOAA Office for Coastal Management has a training curriculum devoted to coastal resource management.

Further Information

<https://coast.noaa.gov/digitalcoast/>

Focus Area(s)

- Coastal Waters
- Environmental Justice (EJ)
- Mapping/Data Tools
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Office of Response and Restoration, Marine Debris Program

Summary

The National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program is undertaking a national and international effort to identify, reduce, and prevent debris in the marine environment, while working closely with partners across the United States to fulfill the program's mission. Technical assistance can be used for removal activities to help clean debris from shorelines, and to address marine debris issues through education, outreach and research. To mitigate the impacts of debris resulting from hurricanes, tropical storms and other disasters, the NOAA Marine Debris Program is also facilitating response planning efforts in coastal states.

Further Information

<http://marinedebris.noaa.gov/welcome.html>

Focus Area(s)

- Coastal Waters
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Youth Engagement

Office of Oceanic and Atmospheric Research, National Sea Grant College Program

Summary

Sea Grant is a national network of 33 university-based programs that supports coastal and Great Lakes communities through research, extension and education. The program utilizes its extension and education capabilities to support the development of healthy coastal communities that are economically and socially inclusive, supported by diverse and vibrant economies and function within the carrying capacity of their ecosystems. The program taps into its vast network of scientists, professionals, stakeholders and federal partners to identify and address the needs of coastal communities around the country.

Further Information

<https://seagrant.noaa.gov/>

<https://seagrant.noaa.gov/News/PID/468/evl/0/CategoryID/147/CategoryName/Technical-Assistance>

Focus Area(s)

- Coastal Waters
- Community and Housing Development
- Environmental Justice (EJ)
- Job Training and Economic Development
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Youth Engagement

AmeriCorps, AmeriCorps National Civilian Community Corps (NCCC)

Summary

The mission of AmeriCorps National Civilian Community Corps (NCCC) is to strengthen communities and develop leaders through direct, team-based national community service, particularly in economically distressed communities. Volunteers can benefit the Partnership through a variety of activities, including removing invasive species for forest or river restoration, tree planting for river restoration, prepping community gardens, installing garden infrastructure, improving neighborhood parks, door-to-door community canvassing and data collection. The links below provide further information.

Further Information

<https://www.nationalservice.gov/programs/ameri-corps/ameri-corps-programs/ameri-corps-nccc/sponsor-ameri-corps-nccc-team>

<https://www.nationalservice.gov/build-your-capacity>

<https://www.nationalservice.gov/programs/ameri-corps/ameri-corps-programs/ameri-corps-state-national/become-grantee>

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Job Training and Economic Development
- Infrastructure
- Mapping/Data Collection
- Trails, Forests and Parks
- Urban Agriculture
- Watershed Access
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Youth Engagement

AmeriCorps, AmeriCorps VISTA

Summary

AmeriCorps VISTA program provides full-time AmeriCorps members to non-profits, faith-based and other community organizations, as well as public agencies to create and expand programs that bring individuals and communities out of poverty. The program is designed to build capacity of stakeholders to help them more effectively generate the commitment of private sector resources, encourage volunteer service at the local level, and empower individuals and communities. AmeriCorps VISTA members can benefit the Partnership through driving on-the-ground projects and providing coordination to Urban Waters locations. Historically, AmeriCorps VISTA members have served as Urban Waters Ambassadors to select locations.

Further Information

<https://www.nationalservice.gov/programs/ameri-corps/ameri-corps-programs/ameri-corps-vista/sponsor-vista-member>

<https://www.nationalservice.gov/programs/ameri-corps/ameri-corps-programs/ameri-corps-state-national/become-grantee>

<https://www.nationalservice.gov/build-your-capacity>

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Job Training and Economic Development
- Resilience
- Water Conservation/Protection/Restoration
- Youth Engagement

Office of Elementary and Secondary Education, State Support Network

Summary

The State Support Network brings states and districts together with technical assistance providers and subject matter experts to use research and resources to analyze practical challenges and develop strategies for supporting schools. Their work involves clarifying and addressing needs of states and districts, complementing and connecting to ongoing technical assistance efforts and offering other necessary support. More specifically, the network offers universal support through broadly shared online school improvement resources, collective support in virtual and in-person form and individual support from experts to address specific state and district needs. The State Support Network collaborates and coordinates closely with other technical assistance providers to offer varying levels of technical assistance support.

Further Information

<https://statesupportnetwork.ed.gov/about>

<https://www.air.org/sites/default/files/State-Support-Network-Handout-States-and-Districts-Nov-2016.pdf>

Focus Area(s)

- Community and Housing Development
- Youth Engagement

Office of Elementary and Secondary Education, Reform Support Network (RSN)

Summary

The Reform Support Network (RSN) is a Department of Education partnership focused on providing collective and individualized technical assistance to State grantees of the Race to the Top program. Through its Communities of Practice (CoPs), the RSN is focused on building State capacity to successfully 1) implement and sustain reforms that improve opportunities for students through rigorous college- and career-ready standards and aligned assessments, 2) improve systems to evaluate and support teachers and leaders, 3) inform instructional improvement and data systems, and 4) turn around the lowest-performing schools. Toolkits in these focus areas are targeted towards State and education leaders.

Further Information

<https://rtt.grads360.org/#program>

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Mapping/Data Tools
- Youth Engagement

Office of Safe and Healthy Students, National Center on Safe Supportive Learning Environments

Summary

The National Center on Safe Supportive Learning Environments offers information and technical assistance to states, districts, schools, institutions of higher learning, and communities focused on improving student supports and academic enrichment. Their assistance includes providing training and support to state administrators, improving schools' conditions for learning through measurement and program implementation, and promoting and managing the Department of Education School Climate Surveys (EDSCLS) maintenance and help desk hotline. The Center delivers training that is culturally and linguistically competent through teams of specialists and experts in the field by hosting webinars, conferences, and learning events, and developing useful products and tools.

Further Information

<https://safesupportivelearning.ed.gov/>

<https://safesupportivelearning.ed.gov/training-and-technical-assistance-services>

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Mapping/Data Tools
- Youth Engagement

National Center for Education Statistics, State Support Team (SST)

Summary

The State Support Team (SST) is a group of data systems experts whose primary objective is the direct support of states around developing, managing, using and sustaining statewide longitudinal data systems (SLDSs). Common areas of SST assistance include, data governance, stakeholder engagement, project management, sustainability and data use. The SST also provides support related to early childhood initiatives, K12 systems, postsecondary systems, workforce data and other areas critical to SLDS efforts. Assistance can be in the form of webinars, working groups, best practice briefs and on-site visits. All states and territories can request support for SLDS projects from the SST by sending a support request or by contacting their SST Point of Contact.

Further Information

<https://nces.ed.gov/Programs/SLDS/techassistance.asp>

Focus Area(s)

- Community and Housing Development
- Job Training and Economic Development
- Mapping/Data Tools
- Youth Engagement

Green Ribbon Schools

Summary

The Green Ribbon Schools program recognizes schools, districts, and Institutions of Higher Education (IHEs) that reduce environmental impacts and costs, improve the health and wellness of schools, and provide effective environmental and sustainability education. The program is a federal outreach and engagement tool structured as a recognition award and has recognized 340 schools, 56 districts and 34 IHEs across 30+ participating states. The program communicates its resources and practices to participants through multimedia platforms, including a highlights report, newsletter, social media accounts, Green Strides Tour, online resources and webinars. By promoting environmental education, students can engage in hands-on learning to develop critical thinking and collaboration skills. Schools, districts and postsecondary institutions apply for the award by contacting their state departments of education or state higher education authorities.

Further Information

<https://www2.ed.gov/programs/green-ribbon-schools/index.html>

<https://www2.ed.gov/programs/green-ribbon-schools/factsheet.pdf>

Focus Area(s)

- Community and Housing Development
- Public Health
- Youth Engagement

Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance (NCEE)

Summary

The National Center for Education Evaluation and Regional Assistance (NCEE) is responsible for providing technical assistance to improve student achievement. NCEE is responsible for conducting rigorous evaluations of federal programs, synthesizing and disseminating information from evaluation and research, and providing technical assistance to improve student achievement through the work of the evaluation division and the knowledge utilization division. Evaluations and evidence-based research help inform school superintendents, principals, and teachers who need information to make sound decisions to improve instruction and raise student achievement. For more information on the work of the NCEE evaluation and knowledge utilization divisions, consult NCEE Projects and Programs.

Further Information

<https://ies.ed.gov/ncee/aboutus/>

https://ies.ed.gov/ncee/pdf/ncee_brochure.pdf

<https://ies.ed.gov/ncee/projects/index.asp>

Focus Area(s)

- Mapping/Data Tools
- Youth Engagement

Office of Energy Efficiency & Renewable Energy, State and Local Solution Center

Summary

The State and Local Solution Center provides states and communities with resources addressing strategic energy planning, policy, financing, data management, and technologies to help implement successful energy efficiency and renewable energy projects. The resources are organized into four action areas to assist state and local governments in their efforts to develop an energy plan, design and implement energy programs, pay for energy initiatives, and access and use energy data.

Further Information

<https://www.energy.gov/eere/slsc/about-state-and-local-solution-center>

Focus Area(s)

- Community and Housing Development
- Environmental Justice
- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools

Office of Energy Efficiency & Renewable Energy, Weatherization Assistance Program

Summary

The Weatherization Assistance Program reduces energy costs for low income households, particularly for the elderly and people with disabilities, by increasing the energy efficiency of their homes. The program supports 8,500 jobs and provides weatherization services to approximately 35,000 homes every year using DOE funds. The Weatherization Assistance Program Technical Assistance Center (WAPTAC) provides technical assistance and information tools for states, local government and community action agencies. Weatherization services, which are cost-effective and energy-efficient measures, are performed by local weatherization agencies, nonprofit organizations and branches of local governments that employ energy professionals. These services are derived by using a diagnostic energy audit and building assessment that determines the necessary energy efficiency measures for each unique home.

Further Information

<https://www.energy.gov/eere/wipo/weatherization-assistance-program>

<https://nascsp.org/wap/>

Focus Area(s)

- Community and Housing Development
- Environmental Justice
- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools

Office of Indian Energy Policy and Programs, Technical Assistance

Summary

The Office of Indian Energy provides federally recognized Indian tribes – including Alaska Natives, tribal energy resource development organizations, and other organized tribal groups and communities – with technical assistance to advance and implement energy projects.

Eligible tribal entities can apply for assistance with:

- On-request technical assistance with energy planning
- Housing, building energy efficiency, and resilience
- Project development
- Policy and regulation
- Village power at no cost

Further Information

<https://www.energy.gov/indianenergy/technical-assistance>

Additional information on completed technical assistance:

<https://www.energy.gov/indianenergy/technical-assistance/completed-technical-assistance>

Focus Area(s)

- Community and Housing Development
- Environmental Justice
- Infrastructure
- Job Training and Economic Development
- Resilience

Office of Energy Efficiency & Renewable Energy, Better Buildings Residential Program Solution Center

Summary

The Better Buildings Residential Program Solution Center provides lessons learned, resources, and knowledge from program administrators and industry experts across the United States. The Solution Center is organized around six program components to help program administrators and their partners plan, operate, and evaluate residential energy efficiency programs: 1) Market Position & Business Model, 2) Program Design & Customer Experience, 3) Evaluation & Data Collection, 4) Marketing & Outreach, 5) Financing, and 6) Contractor Engagement & Workforce Development. The Better Buildings Residential Network provides technical assistance through peer exchange calls to discuss needs and challenges and to collectively identify effective strategies and useful resources for program administrators.

Further Information

<https://rpsc.energy.gov/>

Additional Information on the Peer Exchange Calls:

<https://www.energy.gov/eere/better-buildings-residential-network/better-buildings-residential-network>

Focus Area(s)

- Community and Housing Development
- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools
- Resilience

Office of Energy Efficiency & Renewable Energy, State and Local Energy Efficiency Action Network (SEE Action)

Summary

The State and Local Energy Efficiency Action Network (SEE Action) is a state- and local-led effort facilitated by DOE and the United States Environmental Protection Agency. The Network offers [resources](#), discussion forums, and [technical assistance](#) to state and local decision makers as they provide low-cost, reliable energy to their communities through energy efficiency. Requests for technical assistance can be considered in the areas of residential, commercial, or industrial energy efficiency, combined heat and power, ratepayer-funded energy efficiency programs as well as, evaluation, measurement, and verification of energy efficiency programs, and financing for energy efficiency.

Further Information

<https://www4.eere.energy.gov/seeaction/>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools

Office of Energy Efficiency & Renewable Energy, Clean Cities Technical Assistance

Summary

Clean Cities connects transportation stakeholders with objective information and experts to assist with alternative fuels, fuel economy improvements, and emerging transportation technologies. Clean Cities provides specialized toolkits containing print products, templates and presentations to help educate and engage policymakers, fleet managers, drivers and other decision makers. The Technical Response Service representatives are seasoned experts who help find answers to technical questions about alternative fuels, fuel economy improvements, idle-reduction measures, advanced vehicles, and the Clean Cities program and its' related resources. Tiger Teams assist coalition coordinators, stakeholders, original equipment manufacturers, and fuel providers overcome obstacles to deploying alternative fuels and advanced vehicles.

Further Information

<https://cleancities.energy.gov/technical-assistance/>

Focus Area(s)

- Community and Housing Development
- Infrastructure
- Job Training and Economic Development
- Public Health

Office of Energy Efficiency & Renewable Energy, Other Technical Assistance

Summary

The U.S. Department of Energy offers technical assistance supporting energy efficiency and renewable energy. This technical assistance includes direct advising on issues or goals, providing tools and maps, and training. In addition, technical assistance on bioenergy, Federal Energy Management, geothermal energy, homes and buildings, solar energy, vehicles, hydropower and wind energy is also provided.

Further Information

<https://www.energy.gov/eere/services/technical-assistance>

Focus Area(s)

- Community and Housing Development
- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools

Office of Water, Estuaries and the National Estuary Program (NEP)

Summary

Estuaries, or places where freshwater from rivers mix with saltwater from the sea, support a unique ecosystem of plants and animals. The National Estuary Program (NEP) is a collaborative ecosystem-based network of organizations that protects and restores 28 estuaries of national significance, including the Atlantic, Gulf of Mexico, Pacific Coast and Puerto Rico. Technical assistance is provided to communities, regional entities and nonprofits who need assistance managing estuaries. Assistance is available for programs and projects that promote, practice or approach the importance of assuring the health of estuaries. Assistance can be provided to address the following issues: assessing climate change vulnerabilities, including coastal sensitivity to sea level rise, developing and implementing adaptation strategies, and engaging and educating stakeholders.

Further Information

<https://www.epa.gov/nep>

Focus Area(s)

- Coastal Waters
- Public Health
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring



Office of Land and Emergency Management, Superfund Program, Technical Assistance Services for Communities

Summary

A variety of technical assistance resources and tools are available to help Superfund communities better understand the science, regulations, and policies of environmental issues and EPA actions. Generally, EPA's Superfund site teams assist communities in becoming more involved by explaining site information and providing opportunities for involvement. However, some communities may require additional technical assistance to understand site information and more meaningfully participate in the Superfund decision-making process. Additional technical assistance is provided through EPA grants and contracts, external partners, and EPA legal agreements with responsible parties, as follows: 1) Technical Assistance Grant (TAG) Program, which provides assistance with grant funds, 2) Technical Assistance Services for Communities (TASC) Program, which provides services through an EPA contract, 3) Partners in Technical Assistance Program (PTAP), which provides services through external university partners, and 4) Technical Assistance Plan (TAP), which provides assistance under an EPA legal agreement. The Technical Assistance Needs Assessment (TANA) is a tool used by EPA to determine a community's technical assistance needs and priorities, as well as ways in which to meet these needs.

Further Information

<https://www.epa.gov/superfund/superfund-technical-assistance-communities>

Focus Area(s)

- Brownfields
- Community and Housing Development
- Environmental Justice (EJ)
- Mapping/Data Tools
- Public Health

Office of Land and Emergency Management, Superfund Program, Superfund Redevelopment Initiative

Summary

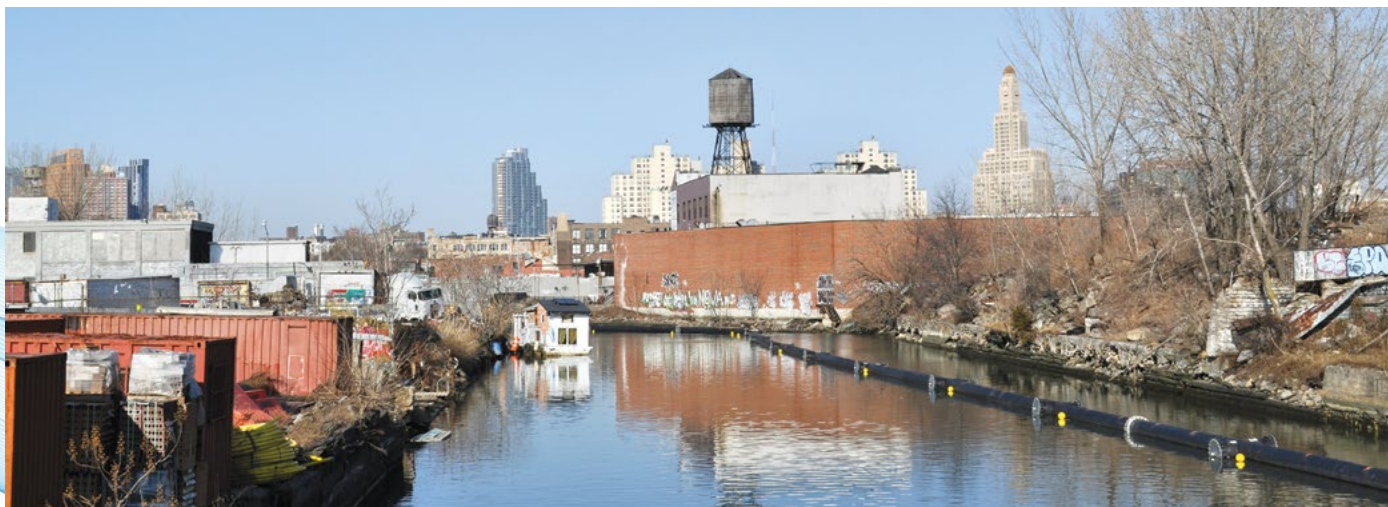
The Superfund Redevelopment Initiative (SRI) provides technical assistance to communities to support safe and productive redevelopment of Superfund sites and surrounding impacted areas. SRI provides technical assistance to bring stakeholders together, identify reuse goals, evaluate reuse potential of the site, align cleanup and redevelopment, and identify implementation tools and partners. SRI assistance can develop maps showing the land use context and site opportunities. SRI also offers information regarding liability protections, Ready for Reuse (RfR) determinations and market analysis. To share what has been successful nationally, SRI hosts a library of reuse guidance, videos, webinars, case studies and fact sheets. SRI coordinators in each region can help procure technical assistance. Superfund Redevelopment has helped communities reclaim and reuse thousands of acres of formerly contaminated land. Through an array of tools, partnerships and activities, Superfund Redevelopment continues to provide local communities with new opportunities to grow and prosper.

Further Information

<https://www.epa.gov/superfund-redevelopment-initiative>

Focus Area(s)

- Brownfields
- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools
- Public Health
- Resilience



Office of Community Revitalization, Smart Growth Technical Assistance Programs

Summary

The Office of Community Revitalization offers several technical assistance programs to support locally led, community-driven efforts to expand economic opportunity, protect human health and the environment, and create and enhance the places that people love. The office collaborates with tribal, regional, state and local governments, other EPA programs, federal agencies, nongovernmental organizations and private-sector partners. Assistance is provided at the community's request and based on the community's needs. It can include strategies to diversify economies and revitalize main streets through local and regional food systems, improve health care organizations, reuse and redevelop abandoned and underused properties, prepare for disasters and recovery, or create walkable neighborhoods. The technical assistance generally includes an onsite workshop that engages a wide range of community members. Using the input from that workshop, the EPA-led team develops an action plan with specific steps the community can use if it chooses to implement ideas developed in the workshops.

Eligibility varies by program. Most programs are intended for public-sector applicants, including tribal communities, regional entities, as well as state, county and local governments. Some programs also accept applications from nonprofit organizations.



Further Information

<https://www.epa.gov/smartgrowth/smart-growth-technical-assistance-programs>



Focus Area(s)

- Brownfields
- Community and Housing Development
- Infrastructure
- Job Training and Economic Development
- Public Health
- Resilience
- Urban Agriculture

Office of Land and Emergency Management, Brownfields Technical Assistance, Training and Research

Summary

Technical assistance is provided to communities, regional entities, and nonprofits to address brownfields challenges. Brownfields are properties contaminated by hazardous substances. Assistance can be offered to increase understanding, and involvement in brownfields cleanup, revitalization and reuse. Resources help in assessing, cleaning and redeveloping brownfields sites. In addition to this, resources help in understanding health impacts of sites, water quality financing, site assessment, implementation of science and technology on sites and cleanup requirements.

The Technical Assistance to Brownfields (TAB) Program provides technical assistance to communities and stakeholders to help address their brownfield sites and to increase their understanding and involvement in brownfields cleanup, revitalization and reuse. The TAB Program is funded by EPA and available to all stakeholders. TAB grant recipients (also known as TAB providers) serve as an independent resource and can provide expert technical assistance and guidance to help communities.

Further Information

<https://www.epa.gov/brownfields/brownfields-technical-assistance-training-and-research>

Focus Area(s)

- Brownfields
- Job Training and Economic Development
- Mapping/Data Tools
- Public Health
- Water Quality and Monitoring

Office of Water, Nonpoint Sources (NPS) Pollution

Summary

Nonpoint source (NPS) pollution is caused when rainfall or snowmelt, moving over and through the ground, picks up and carries natural and human-made pollutants, depositing them into lakes, rivers, wetlands, coastal waters and groundwaters. EPA provides many technical documents, data and tools available to support local communities addressing nonpoint source concerns.

Section 319 of the Clean Water Act provides technical assistance and grants to states, territories, and tribes to implement NPS programs. Depending on the state's NPS management program it may award grants to communities' regional entities and nonprofits. Technical assistance increases community understanding of the types of NPS pollution, how to prevent NPS pollution and the tools used to monitor NPS management projects.

Additionally, resources for students and educators about NPS pollution can be found on the US EPA site for various grade levels.

Further Information

<https://www.epa.gov/nps/nonpoint-source-pollution-technical-guidance-and-tools>

<https://www.epa.gov/nps/contacts-nonpoint-source-nps-pollution-programs>

<https://cfpub.epa.gov/npstbx/index.html>

Focus Area(s)

- Mapping/Data Tools
- Public Health
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Office of Water, Total Maximum Daily Loads (TMDLs)

Summary

Technical assistance is provided to water resource managers assessing waters, developing Total Maximum Daily Loads (TMDLs) or planning restoration actions. The EPA is authorized under section 303(d) of the Clean Water Act (CWA) to assist states, territories and authorized tribes in listing impaired waters and establishing TMDLs. TMDLs, established through section 303(d) of the CWA, serve as a planning tool for water quality restoration. TMDLs state the maximum amount of a pollutant allowed to enter a waterbody so that the waterbody will meet and continue to meet water quality standards for that particular pollutant.

Assistance can be provided for restoration programs, understanding/following the CWA section 303(d), as well as access to EPA's Storage and Retrieval data warehouse for users to enter and retrieve water quality, biological and physical data.

Further Information

<https://www.epa.gov/tmdl/forms/contact-us-about-impaired-waters-and-tmdls>

Focus Area(s)

- Mapping/Data Tools
- Public Health
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Office of Water, Creating Resilient Water Utilities (CRWU)

Summary

EPA's Creating Resilient Water Utilities (CRWU) initiative provides drinking water, wastewater and stormwater utilities with practical tools, training, and technical assistance needed to increase resilience in extreme weather events. It specifically assists drinking water and wastewater utility staff, technical assistance providers, community leaders and other stakeholders in conducting adaptation workshops. Through a comprehensive planning process, CRWU promotes a clear understanding of potential long-term adaptation options and generates materials tailored to the location.

Further Information

<https://www.epa.gov/crwu>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development
- Public Health
- Resilience
- Water Quality and Monitoring

Office of Water, Financial Technical Assistance and Tools for Water Infrastructure, Technical Assistance Partners

Summary

The Water Infrastructure and Finance Center provides financial technical assistance to communities including financial advice for funding drinking water, wastewater, and stormwater infrastructure, and access to tools that help utilities make effective financing decisions. The Center collaborates with technical assistance partners that support small and rural system owners, state and tribal agencies and governments, and others, to increase financial capabilities. These partners assist with safe drinking water and sanitary wastewater disposal, cost-effective environmental financing, and training of water and wastewater professionals on operating, managing, and financing water and wastewater utilities. Partners include EPA's Capacity Development Program, Environmental Finance Center Network, National Rural Water Association (NRWA) and Rural Community Assistance Partnership.

Further Information

<https://www.epa.gov/waterfinancecenter/financial-technical-assistance-and-tools-water-infrastructure>

Focus Area(s)

- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools
- Public Health
- Resilience
- Water Quality and Monitoring

Office of Water, Financial Technical Assistance and Tools for Water Infrastructure, WaterCARE

Summary

The Water Infrastructure and Finance Center provides financial technical assistance to communities, including financial advice for funding drinking water, wastewater, and stormwater infrastructure, as well as access to tools that help utilities make effective financing decisions. Community Assistance for Resiliency and Excellence (WaterCARE) supports communities developing finance planning strategies for drinking water and wastewater infrastructure to meet long-term local needs. The Center partners with Environmental Finance Center Network to provide predevelopment technical assistance to communities across the country. Program services can include assistance with developing alternative analyses, rate and revenue analyses, asset management practices, financing/funding options, affordability analyses, sustainability plans, water efficiency studies, and resiliency assessments.

Further Information

<https://www.epa.gov/waterfinancecenter/financial-technical-assistance-and-tools-water-infrastructure>

Focus Area(s)

- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development
- Public Health
- Resilience
- Water Quality and Monitoring

Office of Chemical Safety and Pollution Prevention (OCSPP), Pollution Prevention (P2) Resources for Business

Summary

Pollution prevention (P2) is any practice that reduces, eliminates, or prevents pollution at its source. EPA established a grant program for states to support programs that make specific technical assistance available to businesses seeking information about source reduction opportunities and assist in the development of source reduction plans. The grant program also provides target assistance to businesses for whom lack of information is an impediment to source reduction and training in source reduction techniques.

Through the Technical Assistance Programs (TAPs), EPA provides a map to help businesses find further information at the regional, state and local levels.

Further Information

<https://www.epa.gov/p2/p2-resources-business#tech>

<https://www.epa.gov/p2/learn-about-pollution-prevention>

<https://www.epa.gov/p2/forms/contact-us-about-pollution-prevention>

Focus Area(s)

- Job Training and Economic Development
- Mapping/Data Tools
- Public Health
- Water Quality and Monitoring

Office of Chemical Safety and Pollution Prevention (OCSPP), Safer Choice Program

Summary

The Safer Choice Program helps residents, businesses and communities find products with safer ingredients. Products that carry the Safer Choice label have been carefully evaluated by EPA scientists and must meet requirements for safer chemical ingredients, performance, packaging, ingredient disclosure, pH and volatile organic compounds. The use of Safer Choice-labeled products can reduce the volume and toxicity of chemicals that are discharged into sewer systems and local waterways. Technical support is provided through consultation service with formulating companies and research institutions to share best practices in safer chemistry.

Further Information

<https://www.epa.gov/saferchoice>

<https://www.epa.gov/saferchoice/frequently-asked-questions-safer-choice>

Focus Area(s)

- Job Training and Economic Development
- Public Health
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

National Center for Environmental Health, CDC's Safe Water Program

Summary

Centers for Disease Control and Prevention's (CDC) Safe Water Program protects public health through non-regulatory actions that decrease environmental threats to water systems and reduce people's exposures to waterborne contaminants. The specialized expertise benefits state, territorial, local and tribal entities in dealing with water contamination and/or waterborne illness. Specifically, those receiving assistance can investigate environmental causes of waterborne illness and outbreaks, respond to toxic contamination and natural disasters that affect drinking water, assess exposures in unregulated drinking water sources, and put prevention into practice. These activities are enhanced through surveillance and tracking systems, environmental investigations that improve the scientific understanding of waterborne contaminants, the funding of drinking water programs, and promotion of safe water guidance. Through this program, CDC will work with academia, public health and industry to create specialized solutions.

Further Information

https://www.cdc.gov/nceh/information/safe_water_programs.htm

Focus Area(s)

- Mapping/Data Tools
- Public Health
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

National Center for Environmental Health, Water-related Technical Assistance and Emergency Response

Summary

When people and communities in the United States and internationally are concerned about the safety of their drinking water, they contact the Health Studies Branch (HSB) for answers and action. HSB conducts rapid epidemiologic investigations in response to outbreaks that may be associated with exposure to water contaminated with non-infectious toxic agents. HSB provides technical assistance to address harmful algal blooms, exposures to polluted drinking water, and systematic water quality assessment. Subject matter experts provide technical assistance and consultation to state, local, tribal, territorial, other federal and international public health agencies.

Further Information

<https://www.cdc.gov/nceh/hsb/cwh/taer.htm>

Focus Area(s)

- Mapping/Data Tools
- Public Health
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Agency for Toxic Substances and Disease Registry, Assessment of Chemical Exposures (ACE) Program

Summary

The Agency for Toxic Substances (ACE) Program responds to chemical releases in the environment by providing state and local health departments with technical assistance to conduct epidemiological assessments and incident investigations. The Program provides valuable resources like the ACE Toolkit, which contains materials that can be modified to meet the needs of the local team performing an epidemiological assessment, including surveys, consent forms, medical chart abstraction form, interview training manual, and databases to enter and analyze data. Technical assistance is also provided to conduct an incident investigation through communication with hospital staff, incident responders and those exposed. These tools can be utilized to conduct water-quality tests, create disaster epidemiology capacity reports, and help health departments plan responses to future disasters.

Further Information

<https://www.atsdr.cdc.gov/ntsip/ace.html>

https://www.atsdr.cdc.gov/ntsip/ace_toolkit.html

Focus Area(s)

- Mapping/Data Tools
- Water Quality and Monitoring
- Public Health
- Resilience



Worker Training Program (WTP)

Summary

The National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP) provides grants to nonprofit organizations so they can deliver health and safety training to workers who may face a hazardous work environment. WTP grantees provide training to numerous target populations across the country in areas such as hazardous materials cleanup, hazardous waste management, emergency or disaster response preparedness, and infectious disease.

The WTP currently has six major training programs, including the Environmental Career Worker Training Program, which provides job training to workers in underserved communities, teaching them the skills necessary to obtain employment in environmental cleanup and construction fields. The WTP also funds the National Clearinghouse for Worker Safety and Health Training, a national resource for hazardous waste worker curricula, technical reports, and weekly news on hazardous materials, waste operations and emergency response. The National Clearinghouse provides technical assistance to WTP staff, program grantees and the public. The Clearinghouse website houses a variety of training resources, including training curricula developed by WTP grantees and training tools that address a variety of natural and man-made disaster types.



Further Information

https://www.niehs.nih.gov/careers/hazmat/about_wetp/index.cfm

<https://www.niehs.nih.gov/careers/hazmat/index.cfm>

<https://www.niehs.nih.gov/careers/hazmat/awardees/index.cfm>

<https://tools.niehs.nih.gov/wetp/>



Focus Area(s)

- Brownfields
- Job Training and Economic Development
- Public Health
- Resilience

Federal Emergency Management Agency (FEMA), Office of Response and Recovery

Summary

The Office of Response and Recovery reduces suffering and protects property during recovery from disasters. To do this, it provides guidance, leadership, and oversight to citizens and local, tribal, territorial, and state governments. Specifically, the office offers access to trained Federal Coordinating Officers and Federal Disaster Recovery Coordinators who are available for rapid deployment to distribution centers which house disaster commodities such as water, tarps, meals, and blankets, as well as durable medical equipment and consumable medical supplies.

Further Information

<https://www.fema.gov/office-response-and-recovery>

Focus Area(s)

- Public Health
- Resilience

Federal Emergency Management Agency (FEMA), National Preparedness Directorate (NPD)

Summary

The National Preparedness Directorate (NPD) provides openly accessible resources to prevent, protect, mitigate, respond to, and recover from disasters while minimizing the loss of lives, infrastructure and property. NPD's online Course Catalog provides searchable, integrated information on courses provided or managed by FEMA's Center for Domestic Preparedness, Emergency Management Institute, and National Training and Education Division. These courses and training help build critical skills and enhance capabilities of state, local, and tribal government officials, first responders, and other federal agencies, as well as volunteer organizations.

Further Information

<https://www.fema.gov/national-preparedness-directorate>

<https://training.fema.gov/>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development
- Public Health
- Resilience

Federal Emergency Management Agency (FEMA), Grant Programs Directorate (GPD)

Summary

Federal Emergency Management Agency's (FEMA) Grant Programs Directorate (GPD), Training and Professional Development Branch, provides the Grants Management Technical Assistance (GMTA) Program to state, regional, local and tribal jurisdictions on basic and advanced grants management principles and practices. There are three levels of technical assistance provided: 1) Information Resources including delivery of telephone and/or electronic information, 2) Templates, Models and Samples including basic grants management workshop curriculums, and 3) On-site Direct Deliveries and/or Workshops including direct guidance, as well as consultation and site-specific workshops. Direct recipients of the GMTA Program can include the State Administrative Agency (SAA), Tribal Entities, Transit Security Grant Program (TSGP), Port Security Grant Program (PSGP) personnel, and/or Subrecipients.

Further Information

<https://www.fema.gov/technical-assistance>

Focus Area(s)

- Job Training and Economic Development
- Resilience

Federal Emergency Management Agency (FEMA), National Continuity Programs (NCP)

Summary

Federal Emergency Management Agency's (FEMA) National Continuity Programs (NCP) provides outreach and technical assistance to community partners across the nation, including state, local, tribal, and territorial governments, as well as the private sector, non-governmental organizations, and critical infrastructure owners and operators. NCP offers planning technical assistance, classroom training offerings, exercise planning and conducting technical assistance, continuity communications outreach and technical assistance, and integrated public alert and warning outreach and technical assistance. Jurisdictions are encouraged to complete an assessment of current plans and programs using the Continuity Assessment Tool to identify shortfalls or gaps to guide requests for technical assistance.

Further Information

<https://www.fema.gov/outreach-and-technical-assistance>

<https://www.fema.gov/media-library-data/1517943054920-fb4df6aaf34d9de85c636bd7bd935c01/NCPTechnicalAssistanceOfferings2018.pdf>

Focus Area(s)

- Community and Housing Development
- Infrastructure
- Job Training and Economic Development
- Resilience
- Youth Engagement

Department of Homeland Security Center for Faith-Based & Neighborhood Partnerships

Summary

The Department of Homeland Security (DHS) Center for Faith-Based & Neighborhood Partnerships helps emergency managers effectively engage with faith and community-based groups in all stages of disaster sequence and provides resources to these organizations to help them prepare for emergency situations. The Center's focus areas include building resilience with diverse communities, emergency management technical assistance, faith and community-based disaster engagement, as well as combatting human trafficking. Its resources address both natural disasters such as earthquakes, floods, and hurricanes, as well as emergencies such as active shooters, bomb threats and online security situations. The DHS Center delivers training and technical assistance in the form of subject-matter expertise.

Further Information

<https://www.dhs.gov/dhs-center-faith-based-neighborhood-partnerships>

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Resilience
- Public Health

Office of Community Planning and Development, Community Compass Initiative (Community Compass)

Summary

Department of Housing and Urban Development's (HUD) Community Compass Initiative (Community Compass) funds technical assistance, capacity building and data research for a variety of stakeholders, including grantees, public housing authorities and tribes. Focus areas include affordable housing and community development, disaster recovery, economic development, and sustainability. Community Compass supports needs assessments, direct technical assistance and capacity building engagements, development of products and tools, self-directed and group learning, knowledge management, and data reporting and analysis.

Further Information

https://www.hud.gov/program_offices/comm_planning/about/cpda

<https://www.hudexchange.info/programs/cpd-field-office-directory/>

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development
- Resilience

Office of Community Planning and Development, Community Development Block Grant (CDBG) Entitlement Program

Summary

The Community Development Block Grant (CDBG) Entitlement Program is authorized under Title 1 of the Housing and Community Development Act and provides annual grants to principle cities of Metropolitan Statistical Areas (MSAs), metropolitan cities of at least 50,000 and qualified urban counties with populations of at least 200,000. Grants are provided with the intention of technical assistance on the part of the community such as neighborhood revitalization, economic development, and improved services and facilities. Grantees will develop viable urban communities by providing decent housing, a suitable living environment, and by expanding economic opportunity, particularly for low- and moderate-income persons.

Department of Housing and Urban Development (HUD) provides an online platform of guides, tools, webinars and other resources to assist grantees and program partners in designing and implementing programs. To contact a Community Planning and Development Office director in your region, visit the CPD Field Office Director information on HUD Exchange and provided below.

Further Information

<https://www.hudexchange.info/programs/cdbg-entitlement/>

<https://www.hudexchange.info/programs/cdbg-entitlement/cdbg-entitlement-program-eligibility-requirements/>

https://www.hud.gov/program_offices/comm_planning/about/staff/fodirectors/

Focus Area(s)

- Community and Housing Development
- Infrastructure
- Job Training and Economic Development
- Public Health
- Resilience

Office of Community Planning and Development, State Community Development Block Grant (CDBG)

Summary

Under the State Community Development Block Grant (CDBG), states can administer CDBG funds for non-entitlement areas or smaller units of general local government which do not receive CDBG funds directly. Forty-nine states and Puerto Rico are eligible to participate in the program. States award grants to develop and preserve decent affordable housing, to provide services and assistance to the most vulnerable in our communities, and to create and retain jobs. Specifically, services include, but are not limited to, rehabilitation of residential and non-residential structures, construction of water and sewer facilities, and/or activities relating to energy conservation.

HUD provides an online platform of guides, tools, webinars and other resources to assist grantees and program partners in designing and implementing programs. Interested parties should reach out to a State CDBG Program contact.

Further Information

<https://www.hudexchange.info/programs/cdbg-state/>

<https://www.hudexchange.info/programs/cdbg-state/state-cdbg-program-eligibility-requirements/>

https://www.hud.gov/program_offices/comm_planning/about/staff/fodirectors/

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development
- Public Health
- Resilience
- Water Quality and Monitoring

National Park Service (NPS), Rivers, Trails, and Conservation Assistance Program

Summary

The National Park Service (NPS) Rivers, Trails, and Conservation Assistance program supports community-led natural resource conservation and outdoor recreation projects across the nation. The program's national network of conservation and recreation planning professionals partner with community groups, nonprofits, tribes, and state and local governments to design and improve trails and parks, conserve and improve access to rivers, protect special places, and create recreation opportunities. The program provides on-location facilitation and planning expertise using project experiences from across the country to adapt best practices to a community's specific needs. The program website offers a range of publications, case studies, tool kits and annual reports to help partners and communities best achieve their conservation and outdoor recreation project goals.

Further Information

<https://www.nps.gov/orgs/rtca/index.htm>

<https://www.nps.gov/orgs/rtca/resources.htm>

<https://www.nps.gov/orgs/rtca/apply.htm>

Focus Area(s)

- Trails, Forests & Parks
- Water Conservation/Protection/Restoration
- Watershed Access

National Park Service (NPS), Cooperative Ecosystem Studies Units Network (CESU)

Summary

The Cooperative Ecosystem Studies Units (CESU) Network is a national consortium of federal agencies, tribes, academic institutions, state and local governments, nonprofit conservation organizations, and other partners working together to support informed public trust resource stewardship. There are 17 CESUs encompassing all 50 states and territories and each is based at a host university and focused on a specific biogeographic region of the country. The program provides technical assistance to federal agencies and their partners and offers faculty, students, and staff from participating academic institutions and other organizations opportunities to work on applied research and/or technical and educational projects that address natural and cultural resource issues.

Further Information

<http://www.cesu.psu.edu/>

Focus Area(s)

- Trails, Forests & Parks
- Water Conservation/Protection/Restoration

National Park Service (NPS), Cultural Resources Geographical Information Systems Facility (CRGIS)

Summary

The National Park Service (NPS) Cultural Resources Geographic Information Systems Facility (CRGIS) develops and fosters the use of geographic information systems (GIS) and global positioning systems (GPS) technologies in documenting, analyzing and managing cultural resources. CRGIS develops maps and employs various technologies to provide 3D visualization of cultural resources and landscapes, as well as survey buildings and traditional cultural properties using GPS technologies. CRGIS works with park units and partners including State and Tribal Historic Preservation Offices, local agencies, preservation organizations and universities. Assistance is provided fee-for-service.

Further Information

<https://www.nps.gov/crgis/>

Focus Area(s)

- Mapping/Data Tools
- Trails, Forests & Parks

National Park Service (NPS), Healthy Parks Healthy People National Program

Summary

The Healthy Parks Healthy People National Program was established to reframe the role of parks and public lands as a health improvement strategy to bring about lasting change in Americans' lifestyle choices and their relationship with nature and the outdoors. The program provides training and resources about healthy and sustainable foods, recreation, habitat and people. Such resources include engagement strategies for targeting communities and the military that share ideas, as well as tools and practical advice to launch and sustain Healthy Parks Healthy People programs.

Further Information

<https://www.nps.gov/subjects/healthandsafety/healthy-parks-healthy-people-resources.htm>

Focus Area(s)

- Public Health
- Trails, Forests & Parks

National Park Service (NPS), Historic Preservation Training Center

Summary

The Historic Preservation Training Center is dedicated to the safe preservation and maintenance of national parks and partner facilities by demonstrating outstanding leadership, delivering quality preservation services and developing educational courses in historic preservation, risk management, maintenance, planning, design and construction. Technical assistance available to local and state governments, tribes, nonprofits and other organizations includes condition assessments, preservation plans, and project management and construction services. There are training programs available for parks maintenance specialists and specialists responsible for the preservation of historic properties. All technical preservation assistance and training are provided fee-for-service.

Further Information

<https://www.nps.gov/orgs/1098/index.htm>

Focus Area(s)

- Job Training and Economic Development
- Mapping/Data Tools
- Trails, Forests & Parks

National Park Service (NPS), Park Planning

Summary

The National Park Service (NPS) prepares a variety of planning and environmental documents to help guide park management and inform future decision-making for each national park system unit. The Park Planning website provides access to NPS park planning documents and tools, including the NPS System Plan, park management plans and special resource studies. In particular, the management plan tools support the preservation of park resources, collaboration with partners, and provision for visitor enjoyment and recreational opportunities. The site also provides a list of links to related programs.

Further Information

<https://parkplanning.nps.gov/planningHome.cfm>

Focus Area(s)

- Mapping/Data Tools
- Trails, Forests & Parks
- Water Conservation/Protection/Restoration

National Park Service (NPS), Research Learning Centers (RLC)

Summary

Research Learning Centers (RLC) facilitate research efforts and provide educational opportunities to guide and enable parks to revitalize and expand their natural resource programs. The 18 RLCs across the country are designed as public-private partnerships involving researchers, universities, educators and community groups. RLCs focus on increasing the effectiveness and communication of research in national parks by facilitating the use of parks for scientific inquiry, supporting science-informed decision making, communicating the relevance of and providing access to knowledge gained through scientific research, integrating current scientific research into educational and outreach programs, and promoting science literacy and resource stewardship. RLCs provide academic opportunities including curriculum-based programs, teacher guides, teacher professional development opportunities, grant proposal assistance, low-cost facilities for researchers and more.

Further Information

<https://www.nps.gov/rlc/about.htm>

<https://www.nps.gov/rlc/index.htm>

Focus Area(s)

- Trails, Forests & Parks
- Water Conservation/Protection/Restoration
- Youth Engagement



United States Geological Survey (USGS), Cooperative Matching Funds (CMF)

Summary

United States Geological Survey (USGS) Cooperative Matching Funds (CMF) supports joint projects with state, regional, tribal and local partners to provide reliable and timely information needed to understand and manage the nation's water resources. Consistent USGS national protocols are used to monitor and assess water resources so that water data are directly comparable at the regional and national scale and water issues in a specific location, watershed or aquifer and can be compared to those in other geographic regions and across different time periods. CMF has supported water-quality related projects in several of the designated urban waters project areas. CMF was formerly known as the Cooperative Water Program (CWP) and in 2016 became housed in three programs within the Water Mission Area: the Groundwater and Streamflow Information Program, the Water Availability and Use Science Program and the National Water Quality Program.



Further Information

https://www.usgs.gov/mission-areas/water-resources/science/usgs-cooperative-matching-funds?qt-science_center_objects=0#qt-science_center_objects

<https://www.usgs.gov/water-resources/groundwater-and-streamflow-information/cooperative-projects>

<https://www.usgs.gov/water-resources/water-availability-and-use-science-program/cooperative-projects>

<https://www.usgs.gov/water-resources/national-water-quality-program/cooperative-projects>

https://www.usgs.gov/water-resources/national-water-quality-program/urban-waters-federal-partnership-funds?qt-science_support_page_related_con=0#qt-science_support_page_related_con



Focus Area(s)

- Mapping/Data Tools
- Water Quality and Monitoring

United States Geological Survey (USGS), National Land Imaging Program

Summary

The National Land Imaging Program is the nation's primary source of civil land remote sensing data and applications. The program acquires regional and global datasets from multiple sources, participates in defining and developing future satellite missions, ensures the preservation of and access to the nation's remotely sensed land data, and expands the understanding of and uses for these data. The program ensures that data from land imaging satellites, unmanned aerial vehicles, airborne photography, radar and other technologies are available to national and global users. The program website includes information on remote sensing data and tools, technical documents, program publications and other resources.

Further Information

<https://www.usgs.gov/land-resources/national-land-imaging-program/about>

<https://www.usgs.gov/land-resources/national-land-imaging-program/connect>

<https://pubs.usgs.gov/fs/2007/3021/fs2007-3021.pdf>

Focus Area(s)

- Mapping/Data Tools

Bureau of Reclamation, Native American Affairs Technical Assistance Program

Summary

The Native American Affairs Technical Assistance Program provides financial and technical resources to help federally recognized Indian tribes in the Bureau of Reclamation's 17 western states to protect, develop, and manage tribal water and related resources. The program provides technical assistance to federally recognized tribes in the field of water resource development and management through direct participation, training and partnering. Activities range from assisting tribal technical experts to providing technical data necessary to assess, plan and develop water resources on tribal lands. Training is also available to promote tribal knowledge and expertise in the use, protection and development of resources. Work may also be carried out in partnership with other governmental or non-governmental entities, enabling greater efficiency.

Further Information

<https://www.usbr.gov/native>

https://www.usbr.gov/native/programs_activities.html

<https://www.usbr.gov/watersmart/>

Focus Area(s)

- Environmental Justice (EJ)
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Federal Highway Administration (FHWA), Every Day Counts (EDC)

Summary

The Federal Highway Administration (FHWA) works with state transportation departments, local governments, tribes, private industry, and other stakeholders to identify a new collection of innovations to champion every two years that merit accelerated deployment. After selecting Every Day Counts (EDC) innovations, transportation leaders from across the country gather at regional summits to discuss and identify opportunities implementing the innovations that best fit the needs of their respective state transportation program. Following the summits, states finalize their selection of innovations, establish performance goals for the level of implementation and adoption over the upcoming two-year cycle, and begin to implement the innovations with the support and assistance of the technical teams established for each innovation. Two recent innovations include community connections and virtual public involvement.

Further Information

https://www.fhwa.dot.gov/innovation/everydaycounts/edc_4/connections.cfm

https://www.fhwa.dot.gov/innovation/everydaycounts/edc_5/virtual_public_involvement.cfm

Focus Area(s)

- Environmental Justice (EJ)
- Infrastructure

Federal Highway Administration (FHWA), FHWA Resource Center

Summary

The Federal Highway Administration (FHWA) Resource Center consists of a team of transportation technical specialists who provide innovative and effective problem-solving, technology deployment and training capabilities. The FHWA Resource Center helps to address transportation challenges by providing personalized technical assistance, customized training and ongoing support. Transportation practitioners at agencies that partner with FHWA receive expert-level technical assistance, customized just-in-time training, and assistance on technology and innovation deployment. External requests for Resource Center support is typically generated at the state or regional level and managed by FHWA Headquarters and/or Division Offices.

Further Information

<https://www.fhwa.dot.gov/resourcecenter/about-us.cfm>

<https://www.fhwa.dot.gov/resourcecenter/technical-assistance.cfm>

Focus Area(s)

- Environmental Justice (EJ)
- Infrastructure
- Job Training and Development

Federal Highway Administration (FHA), Federal Transit Administration (FTA) – Transportation Planning Capacity Building Program (TPCB)

Summary

Jointly administered by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), the Transportation Planning Capacity Building Program (TPCB) is designed to help decision makers, transportation officials and practitioners address transportation challenges in their communities. This program provides training, technical assistance, peer exchanges, and workshops to help transportation professionals and stakeholders make better transportation decisions and help facilitate implementation of better transportation plans and projects. The targeted audience are state, local, regional and Tribal governments, transit operators, and community leaders.

Further Information

<https://planning.dot.gov/about.asp>

Focus Area(s)

- Infrastructure
- Job Training and Development

Federal Highway Administration (FHWA), National Highway Institute (NHI)

Summary

The National Highway Institute (NHI) is the training and education arm of the Federal Highway Administration (FHWA). NHI develops, promotes, and delivers training and education programs building on the skills of transportation professionals to enhance job performance in the transportation industry across the country. Since 1970, NHI's course offerings have expanded to include hundreds of trainings in more than 18 transportation industry-related program areas. NHI offers numerous distance-learning courses and in-person training opportunities including federal compliance information to help grantees understand processes and learn tools to remain compliant with federal regulations.

Further Information

<https://www.nhi.fhwa.dot.gov>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development

Federal Transit Administration (FTA), Training and Technical Assistance

Summary

The Federal Transit Administration (FTA) sponsors several organizations to provide training and technical assistance to federal, state, local jurisdictions, and public transit providers and operators.

FTA is authorized under Chapter 49 USC 5314 – to make technical assistance and workforce development awards to eligible entities for the following purposes:

1. To carry out technical assistance activities that enable more effective and efficient delivery of transportation services, foster compliance with Federal laws, and improve public transportation service;
2. Develop standards and best practices for the transit industry; and
3. Address public transportation workforce needs through research, outreach, training and the implementation of a frontline workforce grant program, and conduct training and educational programs in support of the public transportation industry.

Further Information

Section 5314 Factsheet: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/5314_Technical_Assistance_and_Workforce_Development_Fact_Sheet_0.pdf

Focus Area(s)

- Infrastructure
- Job Training and Economic Development

Federal Transit Administration (FTA), National Transit Institute (NTI)

Summary

The Federal Transit Administration (FTA) funds the National Transit Institute (NTI) at Rutgers University to develop, promote, and deliver training and education programs for the public transit industry. Established in 1991, NTI has developed cooperative partnerships with industry, government, institutions and associations. Courses in federal compliance are designed to help grantees understand processes and learn tools to remain compliant with federal regulations.

Further Information

<https://www.ntionline.com/>

<https://www.ntionline.com/courses/>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development

Federal Transit Administration (FTA), Transit Cooperative Research Program (TCRP)

Summary

The Transit Cooperative Research Program (authorized under 49 U.S.C. 5312(i)) (TCRP) is an applied, contract research program that develops near-term, practical solutions to problems facing transit agencies. TCRP promotes operating effectiveness and efficiency in the public transportation industry by conducting research designed to solve operational problems, adopting useful technologies from related industries and introducing innovation that provides better customer service. The industry-driven program serves as one of the critical means by which the transit industry can develop innovative short-term solutions to meet demands placed on it.

Further Information

<http://www.trb.org/TCRP/TCRP.aspx>

Focus Area(s)

- Infrastructure
- Mapping/Data Tools

Federal Transit Administration (FTA), Mobility on Demand Innovation and Knowledge Accelerator (IKA)

Summary

The Mobility on Demand Innovation and Knowledge Accelerator (IKA) is a partnership between the Shared Use Mobility Center (SUMC) and the Federal Transit Administration (FTA). The IKA provides technical assistance to support FTA's Mobility on Demand Sandbox grantees and to share key knowledge learned with the larger public transportation industry. The IKA supports FTA's goals of supporting public transportation agencies' goals to understand and utilize proven solutions in Mobility on Demand. Transportation has become the number one source of carbon pollution and the second largest expense for most families after housing. Lack of reliable access to a car, bus or train is one of the biggest barriers to employment. New forms of shared mobility, like bikesharing, carsharing and ridehailing – offer opportunities to address some of these critical issues. In combination with public transit, shared mobility is a powerful tool that communities can use to help reduce transportation costs, lessen air pollution, and expand access to jobs, opportunity and a better quality of life.

Further Information

<https://sharedusemobilitycenter.org/>

<https://sharedusemobilitycenter.org/ika/>

Focus Area(s)

- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development

Federal Transit Administration (FTA), National Rural Transit Assistance Program (RTAP)

Summary

The National Rural Transit Assistance Program (RTAP) is a center funded by Federal Transit Administration (FTA) and its overarching mission is to address the training and technical assistance needs of rural and tribal transit operators across the nation, as well as to support state RTAP programs. The RTAP supports the FTA Section 5311 Rural Program and Tribal Transportation Program (TTP), helping to establish and maintain transit systems in communities with populations under 50,000 and on Indian Reservations. The RTAP provides free technical assistance and resources including training materials, webinars, newsletters and technical briefs, peer resources, research and innovative technology initiatives.

Further Information

<https://www.nationalrtap.org/>

<https://www.transit.dot.gov/rural-formula-grants-5311>

<https://www.transit.dot.gov/tribal-transit>

<https://www.transit.dot.gov/ccam/resources/technical-assistance-supporting-communities>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development

Federal Transit Administration (FTA), National Center for Mobility Management (NCMM)

Summary

The National Center for Mobility Management (NCMM) supports FTA's Transit and Health Access Initiative and is funded through a cooperative agreement with FTA. The Center works to help communities adopt transportation strategies and mobility options that empower people to live independently, as well as advance health, economic vitality and self-sufficiency.

The NCMM provides capacity-building technical assistance and both in-person and web-based training for mobility management professionals, catalogs and disseminates best practice information on innovative mobility management programs around the country, and works to improve and enhance the coordination of federal resources for human service transportation—especially for people with disabilities, older adults, and people with lower incomes.

Further Information

<https://nationalcenterformobilitymanagement.org/>

<https://www.transit.dot.gov/ccam/resources/technical-assistance-supporting-communities>

<https://www.transit.dot.gov/ccam/about>

Focus Area(s)

- Environmental Justice (EJ)
- Infrastructure
- Job Training and Economic Development
- Public Health

Multi-State Transit Technical Assistance Program (MTAP)

Summary

The Multi-State Transit Technical Assistance Program (MTAP) provides a forum through which state-level public transportation agencies can communicate with each other about federal transit regulations, grant program management and technical issues pertaining to everyday administration of public transportation service. The MTAP can provide practical solutions for state funding procedures, financial management, vehicle procurement and ADA compliance. The MTAP was developed to benefit the member states as well as their federal program counterparts and local transit operators. Networking among the states is conducted through two annual meetings, peer-to-peer assistance, conference calls and electronic communication. The MTAP is administered by the American Association of State Highway and Transportation Officials (AASHTO).

Further Information

<https://mtap.transportation.org/>

<http://sp.scopt.transportation.org/Pages/MTAP.aspx>

<https://www.transit.dot.gov/ccam/resources/technical-assistance-supporting-communities>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development

Intelligent Transportation System (ITS) Peer-to-Peer Support Program (P2P)

Summary

The Intelligent Transportation System (ITS) Peer-to-Peer Support Program (P2P) provides short-term technical assistance to agencies facing ITS planning, procurement, deployment and operational challenges. The P2P is an important tool for transferring ITS knowledge, resources, and experiences among public agencies and throughout the transportation industry. The P2P helps state, county, and city transportation and public works offices, as well as transit agencies, turnpike and tollway authorities, metropolitan and statewide planning organizations, emergency and public safety organizations, and motor carrier offices. The purpose of the P2P is to create solutions for a variety of highway, transit and motor carrier interests. The program offers a network of DOT-approved ITS professionals who have planned, implemented, and operated ITS in urban and rural areas. The P2P Program delivers short-term assistance according to an agency's or region's ITS needs, such as telephone consultations, off-site document reviews, presentations, site visits, and targeted peer exchange meetings and workshops.

Further Information

<https://www.pcb.its.dot.gov/p2p.aspx>

<https://www.transit.dot.gov/ccam/resources/technical-assistance-supporting-communities>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools

Federal Highway Administration (FHA), Data and Analysis Technical Assistance Program

Summary

The Data and Analysis Technical Assistance Program was established through the Roadway Safety Data Program, which seeks to advance state and local traffic safety data systems and analysis capacity. Technical assistance is available for any state or local transportation agency. The program can address any roadway safety data and analysis challenge as well as provide assistance specific to the needs of the requesting agency, such as improvement plans, webinars or inventory reviews. The Data and Analysis Technical Assistance Program is available through the Roadway Safety Professional Capacity Building Peer-to-Peer Technical Assistance web application.

Further Information

https://rspcb.safety.fhwa.dot.gov/p2p/p2p_app.aspx

<https://www.transportation.gov/government/traffic-records/technical-assistance-and-training>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools

Federal Highway Administration (FHA), Roadway Data Improvement Program (RDIP)

Summary

The Roadway Data Improvement Program (RDIP) is a technical assistance program to help state transportation agencies improve the quality of their roadway data to better support safety improvement initiatives. RDIP focuses on the content, process and practices used by the agency for collecting, managing and utilizing their roadway data to support safety investment decision making. Technical assistance can help an agency improve data collection across these key areas: roadway data collection and technical standards, data analysis tools and uses, data management and governance, and data sharing and integration. A technical assistance team reviews and assesses a state's roadway data system for the content of the data collected, the ability to use, manage and share the data, and to offer recommendations for improvement. The RDIP application is available through the Roadway Safety Professional Capacity Building Peer-to-Peer (P2P) Technical Assistance platform.

Further Information

https://rspcb.safety.fhwa.dot.gov/p2p/p2p_app.aspx

https://safety.fhwa.dot.gov/rsdp/technical_detailed.aspx

<https://www.transportation.gov/government/traffic-records/technical-assistance-and-training>

Focus Area(s)

- Infrastructure
- Job Training and Economic Development
- Mapping/Data Tools

Community Development Financial Institutions Fund (CDFI Fund), Community Development Financial Institutions Program (CDFI Program)

Summary

Through the Community Development Financial Institutions (CDFI) Program, the CDFI Fund provides monetary awards to build the capacity of CDFIs, which are specialized organizations that provide financial services in low-income communities and to people who lack access to financing. The CDFI Fund provides two types of monetary awards through the CDFI Program: Financial Assistance awards and Technical Assistance grants. CDFIs use these funds to promote economic development by supporting small businesses, creating jobs and developing commercial real estate, developing affordable housing and promoting home ownership, and providing community development financial services, including basic banking services, financial literacy programs and alternatives to predatory lending.

Further information

<https://www.cdfifund.gov/programs-training/Programs/cdfi-program/Pages/default.aspx>

Focus Area(s)

- Community and Housing Development
- Environmental Justice (EJ)
- Job Training and Economic Development

Environment, Estuary Restoration

Summary

The purpose of the Estuary Restoration Act (ERA) is to promote the restoration of estuary habitat. Additionally, ERA authorizes the United States Army Corps of Engineers (USACE) to develop a national Estuary Habitat Restoration Strategy to create and maintain effective partnerships within the Federal government and with the private sector, to provide Federal assistance for and promote efficient financing of estuary habitat restoration projects, and to develop and enhance monitoring, data sharing and research capabilities. The ERA authorizes a program under which the Secretary of the Army may carry out projects and provide technical assistance to meet the restoration goal. Projects under this Act include reestablishment of chemical, physical, hydrologic, and biological features associated with an estuary, the cleanup of pollution, the reintroduction of native species, and the construction of reefs to promote fish and shellfish production. Costs of projects funded under the ERA must be shared with non-Federal parties.

Further Information

<https://www.usace.army.mil/Missions/Environmental/Estuary-Restoration/>

Focus Area(s)

- Coastal Waters
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Environment, Aquatic and Wetlands Ecosystems Research and Development Center

Summary

The Aquatic and Wetlands Ecosystems Research and Development Center is a complex that researches on environmental issues related to plants and animals within aquatic and wetland ecosystems. The complex provides comprehensive facilities - including laboratories, common research areas, greenhouses and ponds - to support a wide variety of environmental studies and research activities. Technical assistance for applicants can include environmental studies and research activities such as:

- Sturgeon research
- Biological control of invasive plants
- Control and management of zebra mussels
- Native mussel population assessment and biology
- Mosquito control and management
- Invasive fish bioassessment
- Characterization of native invertebrate communities
- Habitat characterization and bioassessment of native fish populations
- Shoreline erosion studies
- Lake and riverine ecosystem restoration
- Marine biology



Further Information

<https://www.erdc.usace.army.mil/Media/Fact-Sheets/Fact-Sheet-Article-View/Article/476635/aquatic-and-wetlands-ecosystems-research-and-development-center/>



Focus Area(s)

- Coastal Waters
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Watershed Access

Planning Assistance to States (PAS)

Summary

The United States Army Corps of Engineers (USACE) assists states, local governments, other non-Federal entities and eligible Native American Indian tribes in the preparation of comprehensive plans for the development, utilization, and conservation of water and related land resources. Under the Planning Assistance to States (PAS) program, USACE directly provides technical services and comprehensive water resources planning support to these entities on a 50-50 cost-share basis. "Assistance" refers to activities provided by USACE personnel in direct support of states and tribes rather than grants or the activities of third parties via contracts. Such activities support planning for water and related resources of a drainage basin or larger region of a state. PAS-supported activities have included studies and technical planning assistance in a wide range of areas: flood risk information, flood risk reduction, flood hazard mitigation, hydraulic and hydrologic analyses, bank stabilization, streambed degradation, water supply and demand, water quality, dam safety, hydropower, recreation, navigation, dredging, sedimentation, wetlands ecosystems, and harbors and ports. Examples of technical assistance include state hazard mitigation, preparedness, response, and recovery plans, as well as plans associated with changing hydrologic conditions, long-term sustainability and resilience. PAS program-supported studies are initiated when a local sponsor requests assistance from a USACE District planning office. The sponsor and performing District collaborate on the development of study objectives and goals, work scope, milestones and cost estimates, and a study schedule. They generate a study agreement to seek funding under PAS.

Further Information

<https://www.nae.usace.army.mil/missions/public-services/planning-assistance-to-states/>

https://planning.erc.dren.mil/toolbox/library/FactSheets/PAS_FS_June2017.pdf

Focus Area(s)

- Coastal Waters
- Mapping/Data Tools
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Watershed Access

Floodplain Management Services (FPMS)

Summary

The Floodplain Management Services (FPMS) program provides - upon request of non-federal public agencies - information, technical services, and planning assistance and guidance in identifying the magnitude and extent of flood hazards and in mitigation planning and flood plain management. The program advises, recommends, educates, informs, and provides technical support to state, regional, local and tribal governments. It addresses changes in land use of flood plains and contiguous areas as they affect flood hazards and risks. Overall, the FPMS program prioritizes assistance to locales in which development pressures are significant. Assistance is provided to Federal agencies, states, county and city local governments, Indian Tribes and private entities and corporations. General technical assistance efforts under FPMS includes the provision of site-specific data on obstructions to flood flows, flood formation, and timing; flood depths, stages or floodwater velocities; the extent, duration, and frequency of flooding; information on natural and cultural flood plain resources; and flood loss potentials before and after the use of flood plain management measures. FPMS also provides a pool of funding for interagency non-structural flood risk management projects which is open to competitive proposals on an annual basis. Any interagency coalition may apply, though in practice these proposals are usually submitted or facilitated by state Silver Jackets teams. The process for providing assistance begins when a qualified non-federal entity requests District assistance under the program. When requested funding is made available, the District works with the requesting entity to develop a scope of work and assemble an appropriate study team.

Further Information

<https://www.nae.usace.army.mil/missions/public-services/flood-plain-management-services/>

https://www.nab.usace.army.mil/Portals/63/docs/BusinessWithUs/Tech%20Services/Tech_Assistance_Table.pdf?ver=2017-04-10-110153-770

Focus Area(s)

- Coastal Waters
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Watershed Access

Silver Jackets Program

Summary

The Silver Jackets program is an interagency program with the mission to support states' efforts to address their flood risk management priorities by 1) increasing state awareness and understanding of the full range of federal programs available to support their efforts, 2) helping state resilience and disaster mitigation initiatives to gain access to appropriate federal resources, and 3) ensuring that federal agency staff work together to assist states in developing comprehensive approaches for flood risk management. The Silver Jackets program establishes collaborative teams of representatives from federal, state and local agencies on a state-by-state basis, and it ties those teams together into a network that shares knowledge through workshops, webinars and publications. Each team is led by a representative from a state agency with a Silver Jackets Coordinator from a local USACE District. In some cases, team members may also include representatives of the private sector, NGO's and universities. In addition to facilitating interagency coordination, informing state and local governments of the full range of federal flood risk programs and resources, and helping state and local agencies gain access to those resources, each team instigates or facilitates new projects. "Pilot projects" receive dedicated funding from USACE, while "interagency non-structural projects" are funded on a competitive basis by Floodplain Management Services (q.v.), another USACE program historically linked to Silver Jackets. The projects are highly diverse, however, they often involve the generation, management or communication of data and knowledge about flood risk such as maps, surveys, educational tools or online data applications. These initiatives may facilitate exchange of information between agencies or between the government and stakeholders and publics.



Further Information

<https://silverjackets.nfrmp.us/>



Focus Area(s)

- Coastal Waters
- Resilience
- Mapping/Data Tools
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Watershed Studies

Summary

United States Army Corps of Engineers (USACE) provides technical assistance to study water resource needs of river basins and regions of the United States in consultation with federal, state, tribal, interstate and local government entities. The process consists of six steps: 1) identify problems and opportunities in the watershed by involving study partners, water and related land resources interests (stakeholders), resource agencies, and the public; 2) prepare a collaborative inventory of relevant water and related land resources; 3) develop management measures based on a feature or activity at a site; 4) provide a clear description of alternative approaches to address identified problems and needs, aligning the actions of different entities; 5) evaluate and compare alternative strategies; and 6) compare the strategies and select the best suited strategy to meet the watershed's needs. Watershed studies should inform multiple audiences and decisionmakers at all levels of government, as well as provide a strategic roadmap to inform future investment decisions by multiple agencies.

Further Information

https://planning.ercd.dren.mil/toolbox/library/pb/PB2016_03.pdf

Focus Area(s)

- Coastal Waters
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Watershed Access

Continuing Authorities Program (CAP)

Summary

Under the Continuing Authorities Program (CAP) the United States Army Corps of Engineers (USACE) is authorized to plan, design, and construct certain types of water resource and ecosystem restoration projects without additional and specific congressional authorization. The purpose is to implement projects of limited scope and complexity. The following are the most commonly used CAP authorities: Aquatic Ecosystem Restoration, small flood control projects, emergency streambank erosion or shoreline protection projects, project modifications for the improvement of the environment, and beneficial use of dredge material projects. CAP assistance is designed to protect and restore the quality of the environment and aquatic habitats. Studies are cost shared 50-50 during feasibility. Most projects are cost shared 65 percent federal and 35 percent non-federal during implementation, unless otherwise noted. Requests for assistance should be in the form of a letter describing the location and the nature of the problem and should be submitted by a state or local government agency.

Further Information

<https://www.mvp.usace.army.mil/Home/Projects/Article/570901/continuing-authorities-program-cap/>

<https://www.nab.usace.army.mil/Missions/Civil-Works/cap/>

Focus Area(s)

- Coastal Waters
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring

Engineer Research and Development Center, Engineering with Nature

Summary

The United States Army Corps of Engineers (USACE) Engineering with Nature (EWN) Initiative enables more sustainable delivery of economic, social and environmental benefits associated with water resources infrastructure. EWN is the intentional alignment of natural and engineering processes to efficiently deliver assistance through collaborative processes. EWN is a cross-cutting program of activities resulting from collaborations among multiple Civil Works Research, Development, and Technology programs as well as non-USACE partners including local government and organizations. Experts involved in EWN provide information and assistance of applications and concepts shaping the EWN initiative. USACE utilizes a systems approach to achieve interdependent, long-term holistic solutions. Technical point of contacts can be found at the link below.

Further Information

<https://ewn.el.erdc.dren.mil/>

<https://ewn.el.erdc.dren.mil/expert.html>

Focus Area(s)

- Coastal Waters
- Infrastructure
- Resilience
- Water Conservation/Protection/Restoration
- Water Quality and Monitoring
- Watershed Access





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