

FUNDING OPPORTUNITIES

Internet of Water

Nicholas Institute for Environmental
Policy Solutions, Duke University

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
Bureau of Reclamation (USBR): WaterSMART Applied Science										
(1) States, tribes, irrigation and water districts, and other organizations with water or power delivery authority located in the Western United States and territories. (2) Universities, nonprofit research institutions, federally funded research and development centers, and nonprofit entities who partner with an entity from Category 1.	Projects must be designed for use by water managers in the 17 western states, Alaska and Hawaii, American Samoa, Guam, the Northern Mariana Islands, and the Virgin Islands	(1) Projects to enhance modeling capabilities; (2) develop reservoir operating alternatives for comparison; (3) improve or adapt forecasting tools; and (4) improve access to and use of hydrologic data, or develop new types of data to inform water management decisions.	(1) Projects to develop new and novel methods or technologies, i.e., "research" projects. (2) Planning studies such as feasibility studies, appraisal investigations, water marketing strategies and drought contingency plans. (3) Water reuse, water recycling and desalination projects. (4) Construction projects to improve water management. (5) Projects funded under other federal grants	Through WaterSMART, Reclamation provides financial assistance on a competitive basis for Applied Science Grants. Through these grants, Reclamation provides funding to non-Federal entities for the development of tools and information to support water management for multiple uses.	Competitive Grant	50% non-Federal cost-share required	2-3 years	2-yr project: Up to \$150K 3-yr project: up to \$300K	FOAs posted annually in Q1 (Oct or Later). FOAs close in Q2 (January)	Y
Bureau of Reclamation (USBR): Science and Technology Grants										
BOR employees	United States	Research projects that address the priority research areas and categories identified the S&T Program's Annual Science Strategy Implementation Plan. Currently S&T funds projects in the following research areas (1) Water Infrastructure, (2) Power and Energy, (3) Environmental Issues for Water Delivery and Management, (4) Water Operations and Planning (5) Developing Water Supplies.		The Science and Technology Program (S&T) is a Reclamation-wide competitive, merit-based applied research and development program. The program focuses on innovative solutions for water and power challenges in the Western United States for Reclamation water and facility managers and the stakeholders they serve.	Competitive Grant	No	Variable	Variable	Annual Request for Proposals issued in spring	N

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Bureau of Reclamation (USBR): WaterSMART WEEG										
States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority.	Applicants must be located in the Western United States or Territories (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wyoming, American Samoa, Guam, the Northern Mariana Islands, and the Virgin Islands.)	(1) Water conservation projects (canal lining/piping, municipal metering, irrigation/flow measurement, supervisory control and data acquisition and automation, irrigation measures) and (2) hydropower projects (installation of small-scale hydroelectric facilities).	Operations, maintenance and replacement projects, water reclamation, recycling, and reuse projects, groundwater recharge projects, water purchases, building construction, pilot projects, high-efficiency indoor appliance and fixture installation, other types of renewable energy projects	Through WaterSMART Water and Energy Efficiency Grants (formerly Challenge Grants) Reclamation provides 50/50 cost share funding to irrigation and water districts, tribes, states and other entities with water or power delivery authority. Projects conserve and use water more efficiently; increase the production of hydropower; mitigate conflict risk in areas at a high risk of future water conflict; and accomplish other benefits that contribute to water supply reliability in the western United States. Projects are selected through a competitive process and the focus is on projects that can be completed within two or three years.	Competitive Grant	50% non-Federal cost-share required	2-3 years	Funding Group I: Up to \$500K Funding Group II: Up to \$2M	Annual	Y

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
Environmental Protection Agency (EPA): Performance Partnership Grant (PPG)										
States, tribes, and interstate agencies. The state or interstate agency must be eligible to receive each of the two or more grants combined in the PPG.	United States	Specific grants authorized under the CAA, TSCA, CWA, SDWA, CERCLA, SWDA, FIFRA, EPA Appropriations Acts, Pollution Prevention State Grants, and Multi-Media Sector Grants are eligible.		Under traditional categorical environmental program grants, states receive funds to implement air, water, waste, pesticides, and toxics programs. Each categorical grant can only be used for the specific purposes set out in the authority for that particular grant. Performance Partnership grants allow states to combine up to 19 grants to streamline administrative requirements, give states greater flexibility to direct resources to their most pressing environmental problems, and make it easier to fund efforts that cut across program boundaries.	Competitive Grant	Sum of the non-federal cost share that is required under each of the grants included in the PPG.	~ 1-5 years	Variable	Applications accepted annually (typically in summer, variable by state).	Y

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
Environmental Protection Agency (EPA): EPA Exchange Network Grant Program										
States, U.S. Territories, Federally Recognized Tribes and Alaska Native Villages, Inter-tribal Consortia of Federally Recognized Tribes, some other entities, if they are an agency or instrumentality of a state (Must include a letter from the appropriate state Attorney General certifying the applicant is an agency or instrumentality of the state)	United States	Projects that result in Data flow(s), data publishing service, web service, or other eligible activities (e.g. pilot projects) into production	Construction Costs, Operations and Maintenance, including previous EN projects and flows, Workshops and Conferences not primarily benefitting the applicant/applicable partners or ones conducted primarily for EPA's benefit, Pre-Award Costs, Management Fees, Development and deployment of physical nodes	Between FY 2002 and FY 2019, EPA provided approximately \$236 million for state, tribal, and territorial awards and associated program support through the grant program. These grants support better environmental decisions by promoting the use of more timely and consistent data which is shareable by partners across the EN as well as by environmental professionals and the public. Grant purpose: (1) To develop technologies to share data among partners through the EN (2) Develop underlying shared or reusable services that provide the foundation of EN operations (3) Make data available to partner personnel, the public or other communities of interest.	Grant (Default) or Cooperative Agreement, Direct Funding (Default) or In-Kind Services, Single Applicant or EN Partnership Grant, Performance Partnership Grants (PPGs)/ Consolidated Grants	No	3 years	Individual Applicants: up to \$200K, Qualifying Exchange Network Partner Grants: up to \$400K	February - solicitation release, March - applications due, September - grants awarded	Y

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
Environmental Protection Agency (EPA): Water Infrastructure Improvements for the Nation (WIIN) Act Grant: Lead Testing in School and Child Care Program Drinking Water										
States, U.S. Territories, and Federally Recognized Tribes	The geographical 50 states, Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, and tribes within the U.S.	Grant funds shall be expended in accordance with The EPA's 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities guidance or Applicable state regulations or guidance regarding reducing lead in drinking water in schools and child care programs that are not less stringent. Under this grant local education agencies must also (1) Make available a copy of the results of any testing for lead in drinking water carried out using grant funds, if applicable, in the administration offices and, to the extent practicable, on the internet website of the local educational agency for inspection by the public and (2) Notify parent, teacher, and employee organizations of the availability of the results.	The Lead Testing in School and Child Care Drinking Water Grant Program funding can only be used for testing for lead in drinking water in schools and child care facilities. Grant funding cannot be used to replace fountains, fixtures, lead lines or any remediation activity.	The principal objective of the assistance to be awarded under this program is to provide grants to states and territories to help assist schools and child care programs to test for lead in drinking water, utilizing EPA's 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities guidance. The goals of the grant program are to (1) Reduce children's exposure to lead in drinking water (2) Help states target funding toward schools unable to pay for testing (3) Utilize the 3Ts model to establish best practices for a lead in drinking water prevention program (4) Foster sustainable partnerships at the state and local level to allow for more efficient use of existing resources and exchange of information among experts in various education and health sectors (5) Enhance community, parent, and teacher cooperation and trust.	Noncompetitive grant	No	Up to 2 years	\$20 million for each of fiscal years 2017 through 2021 to be made available to states, tribes and territories participating in the Program.	September - Announced, February - Notice of Intent to Participate due.	N

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Environmental Protection Agency (EPA): Water Infrastructure Improvements for the Nation (WIIN) Act Grant: Assistance for Small and Disadvantaged Communities Drinking Water Grant										
States, U.S. Territories, and Federally Recognized Tribes.	The geographical 50 states, Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, and tribes within the U.S.	Grants can be used to support projects and activities in underserved, small and disadvantaged communities that include: Investments necessary for a public water system to comply with the SDWA, Assistance that directly and primarily benefits a disadvantaged community, Programs to provide household water quality testing, including testing for unregulated contaminants, Activities necessary and appropriate for a State to respond to a contaminant	Projects in areas that are not either small or disadvantaged. (see award rules)	The principal objective of the Grant Program is to support drinking water projects and activities in underserved, small and disadvantaged communities that are unable to finance projects to comply with drinking water regulations under the SDWA. Additionally, the grant funding provides assistance to communities to manage drinking water concerns through household water quality testing, including testing for unregulated water contaminants. Projects and activities eligible for assistance can include infrastructure projects; technical, managerial, and financial capacity building activities; and activities necessary for a state to respond to a contaminant.	Noncompetitive grant	45% cost share required (waived for Insular Areas)	Variable	The amount of funding available to states will be based on an allocation formula similar to that of the Drinking Water State Revolving Fund.	April - allotment notification, September - applications open, June - applications due	N

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Environmental Protection Agency (EPA): Water Infrastructure Finance and Innovation Act (WIFIA)										
Local, state, tribal, and federal government entities Partnerships and joint ventures Corporations and trusts Clean Water and Drinking Water State Revolving Fund (SRF) programs	United States	Projects that are eligible for the Clean Water SRF, notwithstanding the public ownership clause Projects that are eligible for the Drinking Water SRF Enhanced energy efficiency projects at drinking water and wastewater facilities Brackish or seawater desalination, aquifer recharge, alternative water supply, and water recycling projects Drought prevention, reduction, or mitigation projects Acquisition of property if it is integral to the project or will mitigate the environmental impact of a project		The WIFIA program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.	Loan	51% cost share required	35 years: Maximum final maturity date from substantial completion	Large Community: At least \$20M Small Community: At least \$5M (population of 25,000 or less).	Notice of Funding Availability - July, Letter of Interest Due - Fall, Project Selection (invitation to apply)- Spring, Project Review - 4-12 months from submission	N

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Environmental Protection Agency (EPA): Environmental Education Grants Program										
US local education agency, state education or environmental agency, college or university, non-profit organization as described in section 501(c)(3) of the Internal Revenue Code, noncommercial educational broadcasting entity tribal education agency (which includes schools and community colleges controlled by an Indian tribe, band, or nation and which are recognized as eligible for special programs and services provided by the US.)	Educational activities must take place in the United States; or in the United States and Canada or Mexico; or in the U.S. Territories.	Environmental education projects based on sound science that teach or enhance critical-thinking, problem-solving, and decision-making skills that lead to responsible actions to protect human health and the environment.	(1) Projects that advocate a particular viewpoint or course of action about environmental issues or simply disseminate information. (2) Lobbying or political activities. (3) Non-education-related research or development. (4) Technical training of environmental professionals. (5) Construction projects	Under the Environmental Education Grants Program, EPA seeks grant applications from eligible applicants to support environmental education projects that promote environmental awareness and stewardship and help provide people with the skills to take responsible actions to protect the environment. This grant program provides financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques.	Competitive Grant	25% cost share required	1-2 years	\$50K - \$100K	Annual (dependent on budget appropriations)	N

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Environmental Protection Agency (EPA): Environmental Justice Small Grants Program										
Incorporated non-profit organizations — including, but not limited to, environmental justice networks, faith-based organizations and those affiliated with religious institutions, federally recognized tribal governments—including Alaska Native Villages; OR tribal organizations	United States	Each project must include activities related to at least one of the following federal environmental statutes: Clean Air Act, Clean Water Act, Federal Insecticide, Fungicide, and Rodenticide Act, Marine Protection, Research, and Sanctuaries Act, Safe Drinking Water Act, Solid Waste Disposal Act, Toxic Substances Control Act, Eligible Activities include: research, public education, demonstration projects, training, monitoring, development, investigations, surveys and studies, experiments	EJ grant activities must relate to gathering or transferring information or advancing awareness. Proposals should emphasize this “learning” concept, rather than trying to “fix” an environmental problem using a well-established method. Examples of unacceptable grant proposals involve performing: large-scale clean-ups, treatments, routine recycling services, and major disposal and/or energy recovery projects.	The Environmental Justice Small Grants (EJSG) Program provides funding directly to community-based organizations for projects that help residents of underserved communities understand and address local environmental and public health issues. For purposes of this announcement, the term “underserved community” refers to a community with environmental justice concerns and/or vulnerable populations, including minority, low income, rural, tribal, indigenous, and homeless populations that may be disproportionately impacted by environmental harms and risks.	Competitive Grant	No	1 year	Up to \$30K		N

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U.S. Geological Survey (USGS): Water Resources Research Institute WRII-USGS 104(b) Grants										
Any investigator at an accredited institution of higher learning in the United States is eligible to apply		Proposals on one of the following research priorities: (1) Expand and enhance the use of hydrologic monitoring data monitoring to support advanced modeling tools to provide state-of-the-art flood and drought forecasts, drive emergency- and water-management decision support systems. (2) Research to help society deal with water scarcity or water availability challenges such as drought, snow pack, and/or changes in runoff regimes. (3) Development and evaluation of processes and governance mechanisms that advance the science of ecological flows. (4) Exploration and advancement of our understanding of harmful algae blooms (HABs). Proposals are sought that focus on innovations in monitoring the occurrence of HABs and algal toxins, research on factors that result in algal toxin production, and improvements in near-real time modeling and forecasting of toxin-producing blooms.	Ineligible Projects include: (1) Proposals for research on health effects involving human subjects. (2) Proposals for research involving oceanography (estuarine research proposals are acceptable).(3) Proposals submitted by an Institute or Center that has not met reporting requirements on a previous award by the USGS. (4) Proposals that do not comply with the terms of this Announcement. (5) Proposals for research that do not meet the Research Priorities	The U.S. Geological Survey in cooperation with the National Institutes for Water Resources supports an annual call for proposals to focus on water problems and issues that are of a regional or interstate nature or relate to a specific program priority identified by the Secretary of the Interior and the Institutes. The goals of the National Competitive Grants program are to promote collaboration between the USGS and university scientists in research on significant national and regional water resources issues; promote the dissemination and results of the research funded under this program; and to assist in the training of scientists in water resources.	Competitive Grant	50% match	1-3 years	maximum - \$250,000	Annual - contingent on appropriation of funds	Y

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U.S. Geological Survey (USGS): Water-Use Data and Research Program (WUDR) Grants										
State water resource agencies which collect water use data. Applicants must have submitted a FINAL "Workplan" document as outlined by the WUDR FY15 Guidance in order to be eligible to receive an FY20 award.		Proposals that address one or more of the priority topics will be given funding preference. the priority topics for the FY2020 WUDR program announcement round 2 are: (1) improve the collection process or quality assurance of water-use data, or improve the transfer of water-use data to the USGS and other data users, (2) improve water-use data for irrigation, public supply, or industrial use categories, (3) conduct studies that develop methods and/or coefficients to improve water-use estimates for categories of use where measured or reported data are not available.	The following proposals are ineligible for consideration under this Announcement at this time: (1) Proposals from U.S. Government Agencies or U.S. Government employees. (2) Proposals from Federally Funded Research and Development Centers (FFRDC). (3) Work that was previously funded through the WUDR program, or other federal grant programs.	Water managers across the United States require more complete, timely, and accurate water-availability information to support policy and decision-making, specifically, data associated with water withdrawals and consumptive use. Recognizing the limitations of current water-use data, the SECURE Water Act authorized a program that supports activities related to data collection and methods research and development at the State level. The USGS Water-Use Data and Research program (WUDR) will provide financial assistance through cooperative agreements with State water resource agencies to improve the availability, quality, compatibility, and delivery of water-use data that is collected or estimated by States.	Competitive Grant	A set cost-sharing percentage for the recipient is not mandated, but a match of in-kind services is encouraged and should be denoted within the budget as cost sharing	1-2 years	\$24K - \$125K		Y

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
USDA Rural Development Water and Environmental Programs: Water & Waste Disposal Grants to Alleviate Health Risks on Tribal Lands and Colonias										
State and local governmental entities serving eligible areas Nonprofit organizations Utility districts serving Colonias Federally recognized tribes	Federally recognized tribal lands Areas recognized as Colonias before October 1, 1989 Rural areas and towns with populations of 10,000 or less	Construction of basic drinking water and waste disposal systems, including storm drainage		This program provides low-income communities, which face significant health risks, access to safe, reliable drinking water and waste disposal facilities and services.	Competitive Grant	Cost sharing encouraged but not required	Variable	Variable		N
USDA Rural Development Water and Environmental Programs: Water & Waste Disposal Loans & Grants										
This program assists qualified applicants who are not otherwise able to obtain commercial credit on reasonable terms. Eligible applicants include: Most state and local governmental entities Private nonprofits Federally-recognized tribes	Rural areas and towns with populations of 10,000 or less, Tribal lands in rural areas, Colonias	Funds may be used to finance the acquisition, construction or improvement of: (1) Drinking water sourcing, treatment, storage and distribution, (2) Sewer collection, transmission, treatment and disposal, (3) Solid waste collection, disposal and closure, (4) Storm water collection, transmission and disposal.		This program provides funding for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and storm water drainage to households and businesses in eligible rural areas.	Loan (If funds are available, a grant may be combined with a loan if necessary to keep user costs reasonable)					N
USDA Rural Development Water and Environmental Programs: Water & Waste Disposal Predevelopment Planning Grants										
Most state and local governmental entities Nonprofit organizations Federally recognized tribes	Rural areas and towns with populations of 10,000 or less, Federally recognized tribal lands, Colonias	Grants may be used to pay part of the costs of developing a complete application for USDA Rural Development Water & Waste Disposal direct loan/grant and loan guarantee programs.	Grants may not be used to pay for work already completed.	This program assists low-income communities with initial planning and development of applications for USDA Rural Development Water and Waste Disposal direct loan/grant and loan guarantee programs.	Grant or Loan	25% cost share required	Variable	Up to \$30K or 75% of the predevelopment planning costs.		N
USDA Rural Development Water and Environmental Programs: Water & Waste Disposal Technical Assistance & Training Grants										

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
Nonprofits that have the proven ability, background, experience and capacity to provide technical assistance or training on a national, regional or state basis. (Must be legally established and located in the US)	Rural areas and towns with populations of 10,000 or less Tribal lands in rural areas	Projects to (1) identify and evaluate solutions to water problems related to source, storage, treatment, distribution, collection, treatment and disposal. (2) provide technical assistance and training to improve management, operations and maintenance of water and waste disposal systems. (3) prepare water and waste disposal loan and grant applications.	Duplicate current services, or replace or substitute support normally provided by other means, Fund political or lobbying activities, Purchase real estate or vehicles, improve or renovate office space, or repair and maintain privately owned property, Pay the costs for construction, improvement, rehabilitation, modification or operation and maintenance of water, wastewater, and solid waste disposal facilities or buildings	This program helps qualified, private nonprofits provide technical assistance and training to identify and evaluate solutions to water and waste problems; helps applicants prepare applications for water and waste disposal loans/grants; and helps associations improve the operation and maintenance of water and waste facilities in eligible rural areas.	Competitive Grant		1 year	Variable (subject to availability of funds)	Applications accepted October 1 - December 31 each year.	N

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
USDA Rural Development Water and Environmental Programs: Solid Waste Management Grants										
Public bodies, Nonprofits, federally recognized tribes, Academic institutions (Applicants must have proven ability, background or experience to successfully complete a project similar to the one proposed, and legal authority and capacity to provide technical assistance or training)	Rural areas and towns with a population of 10,000 or less	Funds may be used to: (1) Evaluate current landfill conditions to identify threats to water resources. (2) Provide technical assistance or training to enhance the operation and maintenance of active landfills. (3) Provide technical assistance or training to help communities reduce the amount of solid waste coming into a landfill. (4) Provide technical assistance or training to prepare for closure and future use of a landfill site.	Duplicate current services, replace or substitute support previously provided, i.e., service already rendered by a consultant in developing a project. Duplicate assistance provided by the U.S. Forest Service. Pay for capital assets, real estate or vehicles. Pay for construction, operation or maintenance. Improve or renovate office space or repair or maintain private property.	This program reduces or eliminates pollution of water resources by providing funding for organizations that provide technical assistance or training to improve the planning and management of solid waste sites.	Competitive Grant	Cost sharing not required, in-kind contributions recommended.	1 year	Variable (subject to availability of funds)	Applications accepted October 1 - December 31 each year.	N

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USDA Rural Development Water and Environmental Programs: SEARCH - Special Evaluation Assistance for Rural Communities and Households										
Most state and local governmental entities, Nonprofits, Federally recognized tribes	<p>Areas to be served must be rural and financially distressed: Rural areas with a population of 2,500 or less. Have a median household income below the poverty line or less than 80% of the statewide non-metropolitan median household income based on latest Census data.</p>	<p>Funds may be used to pay predevelopment planning costs, including: (1) Feasibility studies to support applications for funding water or waste disposal projects (2) Preliminary design and engineering analysis (3) Technical assistance for the development of an application for financial assistance.</p> <p>The predevelopment planning costs must be related to a proposed project that meets the following requirements: (1) Construct, enlarge, extend or improve rural water, sanitary sewage, solid waste disposal and storm wastewater disposal facilities (2) Construct or relocate public buildings, roads, bridges, fences or utilities, and to make other public improvements necessary for the successful operation or protection of facilities (3) Relocate private buildings, roads, bridges, fences, or utilities, and other private improvements necessary for the successful operation or protection of facilities</p>		<p>This program helps very small, financially distressed rural communities with predevelopment feasibility studies, design and technical assistance on proposed water and waste disposal projects.</p>	Competitive Grant					N

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
USDA Rural Development Water and Environmental Programs: Revolving Funds for Financing Water and Wastewater Projects (Revolving Fund Program)										
Nonprofits that have legal authority to operate a revolving loan fund and financial, technical and managerial capacity to comply with relevant state/federal laws and regulations.	Rural areas and towns with populations of 10,000 or less, Federally recognized tribal lands, Colonias	To create a revolving loan fund for eligible utility districts operated by state and local governmental entities and nonprofits.	Pre-development costs for water and wastewater treatment projects.Short-term small capital improvement projects that are not part of the regular operations and maintenance.	This program helps qualified nonprofits create revolving loan funds that can provide financing to extend and improve water and waste disposal systems in rural areas.	Competitive Grant	20% cost share required				N
USDA Rural Development Water and Environmental Programs: Household Water Well System Grants										
Nonprofits that have expertise and experience promoting the safe, productive use of individually-owned household water wells systems, legal authority to act as a lender, sufficient expertise and experience in lending activities, financial, technical and managerial capacity to comply with relevant federal and state laws and regulations	Rural areas and towns with populations of 10,000 or less, Tribal lands in rural areas, Colonias	Grant funds may be used to help a nonprofit create a revolving loan fund for eligible individuals who own and occupy a home in an eligible rural area. The fund may be used to construct, refurbish, or service individually-owned household water well and septic systems. Terms for the loans include one% fixed interest rate, 20-year maximum term, and an \$15,000 maximum loan per household.	Administrative expenses incurred in any calendar year that exceed 10% of the HWWs loans, Administrative expenses incurred before RUS executes a grant agreement, Repayment of delinquent debt owed to the Federal Government, Loans for household sewer or septic systems, the construction of a new house, or a home plumbing system.	This program helps qualified nonprofits and tribes create a revolving loan fund to increase access to clean, reliable water and septic systems for households in eligible rural areas.	Competitive Grant	10% cost share required	1 year	Variable		N

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
USDA Rural Development Water and Environmental Programs: Individual Water & Wastewater Grants										
<p>Applicants must own and occupy a dwelling located in a Colonia and have evidence of ownership, have a total taxable income (based on the latest federal income tax form from all individuals residing in the household) that is below the most recent poverty income guidelines established by the U.S. Department of Health and Human Services, and have no delinquencies on any federal debt.</p>	<p>Must be a Colonia located in a rural area (unincorporated areas or any city or town with a population of 10,000 or less) in Arizona, California, New Mexico and Texas and is identified as a community designated in writing by the state or county in which it is located.</p>	<p>Grant funds may be used to pay the reasonable costs for individuals to: (1) Extend service lines from a system to a residence. (2) Connect service lines to a residence's plumbing. (3) Pay reasonable charges or fees for connecting to a system. (4) Pay for necessary installation of plumbing and related fixtures within dwellings lacking such facilities. This is limited to one bath tub, sink, commode, kitchen sink, water heater, and outside spigot. (5) Construct and/or partition off a portion of the dwelling for a bathroom, not to exceed 4.6 square meters (48 square feet) in size. Pay reasonable costs for closing abandoned septic tanks and water wells when necessary to protect the health and safety of recipients of a grant. (6) Make improvements to individual's residence when needed to allow the use of the water and/or waste disposal system.</p>	<p>Grant funds may not be used to pay any debt or obligation of the grantee other than obligations incurred under the grant or pay costs that are not considered reasonable by the Agency.</p>	<p>This program provides funds to households in an area recognized as a Colonia before October 1, 1989. Grant funds may be used to connect service lines to a residence, pay utility hook-up fees, install plumbing and related fixtures, e.g., bathroom sink, bathtub or shower, commode, kitchen sink, water heater, outside spigot, or bathroom.</p>				<p>Lifetime assistance to any individual may not exceed a cumulative total of \$5K</p>	<p>Applications accepted year-round</p>	<p>N</p>

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USDA Rural Development Water and Environmental Programs: Grants for Rural and Native Alaskan Villages										
Rural Alaskan villages (per 7 CFR 1784.8), State of Alaska for the benefit of a rural Alaskan village or hub	Must serve a rural Alaskan village or hub with a population of 10,000 or less, or median household incomes less than 110% of the statewide non-metropolitan household income according to the latest Census data.	To pay up to 75% of the project costs to provide drinking water or waste disposal services. The grant must be used to remedy a dire sanitation condition such as, recurring instances of waterborne communicable disease, individual residents hauling water to or human waste from, their homes or are using outhouses because no community-wide water and sewer system exists.		This program helps remote Alaskan villages provide safe, reliable drinking water and waste disposal systems for households and businesses.	Grant	25% cost share required			Applications accepted year-round	N
USDA Rural Development Water and Environmental Programs: Emergency Community Water Assistance Grants										
Most State and local governmental entities, Nonprofit organizations, Federally recognized Tribes	Rural areas and towns with populations of 10,000 or less Tribal lands in rural areas Colonias The area to be served must also have a median household income less-than the state's median household income for non-metropolitan areas.	Water transmission line grants up to \$150,000 to construct waterline extensions, repair breaks or leaks in existing water distribution lines, and address related maintenance necessary to replenish the water supply. Water source grants up to \$1,000,000 to construct a water source, intake or treatment facility.		This program helps eligible communities prepare, or recover from, an emergency that threatens the availability of safe, reliable drinking water. The following events qualify as an emergency: Drought or flood, Earthquake, Tornado or hurricane, Disease outbreak, Chemical spill, leak, or seepage, other disasters	Grant	Cost sharing encouraged but not required		Water transmission lines: up to \$150K, Water source grants: up to \$1M		N
USDA Rural Development Water and Environmental Programs: Circuit Rider Program										

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
Most state and local governmental entities, Private nonprofits, Federally-recognized tribes	Rural areas and towns with populations of 10,000 or less Tribal lands in rural areas Colonias	Funds may be used to finance the acquisition, construction or improvement of: Drinking water sourcing, treatment, storage and distribution Sewer collection, transmission, treatment and disposal Solid waste collection, disposal and closure Storm water collection, transmission and disposal		This program provides funding for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and storm water drainage to households and businesses in eligible rural areas.	Loans					N

USDA Natural Resource Conservation Service (NRCS): [Conservation Innovation Grants \(CIG\)](#)

State or local governments, federally-recognized American Indian tribes, non-governmental organizations, and individuals in all 50 states, the District of Columbia, the Caribbean Area (Puerto Rico and the Virgin Islands), and the Pacific Islands Area (Guam, American Samoa, Pacific Islands Area).. All CIG projects must involve EQIP-eligible producers.	Projects may be watershed-based, regional, multi-state or nationwide in scope.	Innovative, on-the-ground conservation projects, including pilot projects and field demonstrations. Proposed projects must conform to the description of innovative conservation projects or activities published in the annual funding notice. The natural resource concerns eligible for funding through CIG are identified in the funding announcement and may change annually to focus on new and emerging, high-priority natural resource concerns.	CIG does not fund projects supporting technologies and approaches commonly used in the geographic area covered by the application, including those already eligible for funding through EQIP.	Conservation Innovation Grants (CIG) is a competitive program that supports the development of new tools, approaches, practices, and technologies to further natural resource conservation on private lands. Through creative problem solving and innovation, CIG partners work to address our nation's water quality, air quality, soil health and wildlife habitat challenges, all while improving agricultural operations.	Competitive Grant	50% non-federal cost share required	1-3 years	The maximum CIG award is set annually by the NRCS Chief and historically has been either \$1M or \$2M	Annual	N
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Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
USDA Natural Resource Conservation Service (NRCS): Regional Conservation Partnership Program										
Agricultural or silvicultural producer associations or other groups of producers, State or unit of local governments, Indian Tribes, farmer cooperatives, water districts, irrigation districts, acequias, rural water districts or associations, or other organizations with specific water delivery authority to agricultural producers, municipal water or wastewater treatment entities, institutions of higher education, entities that have a farmland or grassland protection program that purchases agricultural land easements, conservation districts, organizations or entities with an established history of working cooperatively with producers on agricultural land, as determined by NRCS.	RCPP projects must be carried out on agricultural or nonindustrial private forest land or associated land on which NRCS determines an eligible activity would help achieve conservation benefits.	RCPP projects may include any combination of authorized, on-the-ground conservation activities implemented by farmers, ranchers, and forest landowners. These activities include: (1) Land management/land improvement/restoration practices, (2) Land rentals, (3) Entity-held easements, (4) United States-held easements, (5) Public works/watersheds.		The Regional Conservation Partnership Program (RCPP) promotes coordination of NRCS conservation activities with partners that offer value-added contributions to expand our collective ability to address on-farm, watershed, and regional natural resource concerns. Through RCPP, NRCS seeks to co-invest with partners to implement projects that demonstrate innovative solutions to conservation challenges and provide measurable improvements and outcomes tied to the resource concerns they seek to address.	Competitive Grant	Cost sharing required (amount dependent on project type)	5 years	\$250K - \$10M	Annual	N

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
U.S. Forest Service (USFS): Landscape Scale Restoration (LSR) Grant										
State forestry agencies Nonprofit organizations (501c3) Universities Local units of government Federally recognized Tribes	Nonindustrial private, Tribal, State, and/or local government forest land. Rural: Any area other than an urbanized area such as a city or town that has a population of greater than 50,000.	Forest Stewardship Rural Forestry Assistance Urban and Community Forestry Forest Health Management-Coop. Lands State Fire Assistance	Cost-share, reimbursement, and other payments directly to private landowners Construction and capital improvements Research Small business start-up funding Projects on Federal land Projects in cities or towns with greater than 50,000 inhabitants Forest Legacy Program projects (land purchase and conservation easements) Certain forest health initiatives funded through separate processes	The purpose of the Landscape Scale Restoration (LSR) competitive grant program is to encourage collaborative, science-based restoration of priority forest landscapes, leverage public and private resources, and support priorities identified in State Forest Action Plans. The LSR request for applications comes out once per year.	Competitive Grant	50% cost share required	1-3 years	\$25K - \$600K	Annual - June announcement, September submission December recommended projects posted, Spring funding available	N

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
National Fish & Wildlife Foundation (NFWF): Small Watershed Grants - Implementation										
Non-profit 501(c) organizations, local governments, municipal governments, Indian tribes, and K-12 educational institutions.	All eligible projects must occur wholly within the Chesapeake Bay watershed and projects located within NFWF's Targeted Rivers and Watersheds will be prioritized.	On-the-ground community-based efforts to achieve water quality improvement, restoration and protection of key Chesapeake Bay species and their habitats, and the fostering of an engaged and diverse citizen and stakeholder presence that will build upon and sustain measurable natural resource improvements.	May not be used to support political advocacy, fundraising, lobbying, litigation, terrorist activities or Foreign Corrupt Practices Act violations. NFWF funds may not be used to support ongoing efforts to comply with legal requirements, including permit conditions, mitigation and settlement agreements.	SWG-I grants are awarded to projects within the Chesapeake Bay watershed that promote on-the-ground community-based efforts to protect and restore the diverse natural resources of the bay and its tributary rivers and streams. Projects result in measurable improvements to local stream health and habitat, and/or the water quality of the Chesapeake Bay.	Competitive Grant	33% cost share required	2 years	\$50K - \$500K		N
National Fish & Wildlife Foundation (NFWF): Small Watershed Grants - Planning and Technical Assistance										
Non-profit 501(c) organizations, state government agencies, local governments, municipal governments, Indian tribes, and educational institutions.	All eligible projects must occur wholly within the Chesapeake Bay watershed and projects located within NFWF's Targeted Rivers and Watersheds will be prioritized.	Planning and technical assistance to enhance local capacity to more efficiently and effectively implement on-the-ground efforts to achieve water quality improvement, restoration and protection of key Chesapeake Bay species and their habitats, and the fostering of an engaged and diverse citizen and stakeholder presence that will build upon and sustain measurable natural resource improvements.	NFWF funds and matching contributions may not be used to support political advocacy, fundraising, lobbying, litigation, terrorist activities or Foreign Corrupt Practices Act violations. NFWF funds may not be used to support ongoing efforts to comply with legal requirements, including permit conditions, mitigation and settlement agreements.	WG-PTA grants are awarded to projects that enhance local capacity to more efficiently and effectively implement on-the-ground conservation efforts through assessment, planning and design, and other technical assistance-oriented activities. Potential SWG-PTA grants can be assisted or enhanced through the use of Technical Assistance Providers.	Competitive Grant	No	1 year	Up to \$50K		N

Who Can Apply?	Eligible Areas	Eligible Projects	Ineligible Projects	Program Description	Award Type	Cost Share	Time Frame	Funding Range	Funding Cycle	Data Focus
National Fish & Wildlife Foundation (NFWF): Five Star and Urban Waters Restoration Grant Program										
Non-profit 501(c) organizations, state government agencies, local governments, municipal governments, Indian tribes and educational institutions	Grants for this program are available nationwide, but additional funding is available for the geographic priorities listed in the Funding Availability section of this RFP.	On-the-ground wetland, riparian, in-stream and/or coastal habitat restoration Meaningful education and training activities, either through community outreach, participation and/or integration with K-12 environmental curriculum Measurable ecological, educational and community benefits Partnerships: Five Star projects should engage a diverse group of community partners to achieve ecological and educational outcomes.	Equipment: Applicants are encouraged to rent equipment where possible and cost-effective or use matching funds to make those purchases. NFWF funds and matching contributions may not be used to support political advocacy, fundraising, lobbying, litigation, terrorist activities or Foreign Corrupt Practices Act violations. NFWF funds may not be used to support ongoing efforts to comply with legal requirements, including permit conditions, mitigation and settlement agreements.	The Five Star and Urban Waters Restoration Program seeks to develop nation-wide community stewardship of local natural resources, preserving these resources for future generations and enhancing habitat for local wildlife. Grants seek to address water quality issues in priority watersheds, such as erosion due to unstable streambanks, pollution from stormwater runoff, and degraded shorelines caused by development.	Competitive Grant	50% cost share required	1-1.5 years	\$20K - \$50K	Annual - project start dates in late summer early fall	N