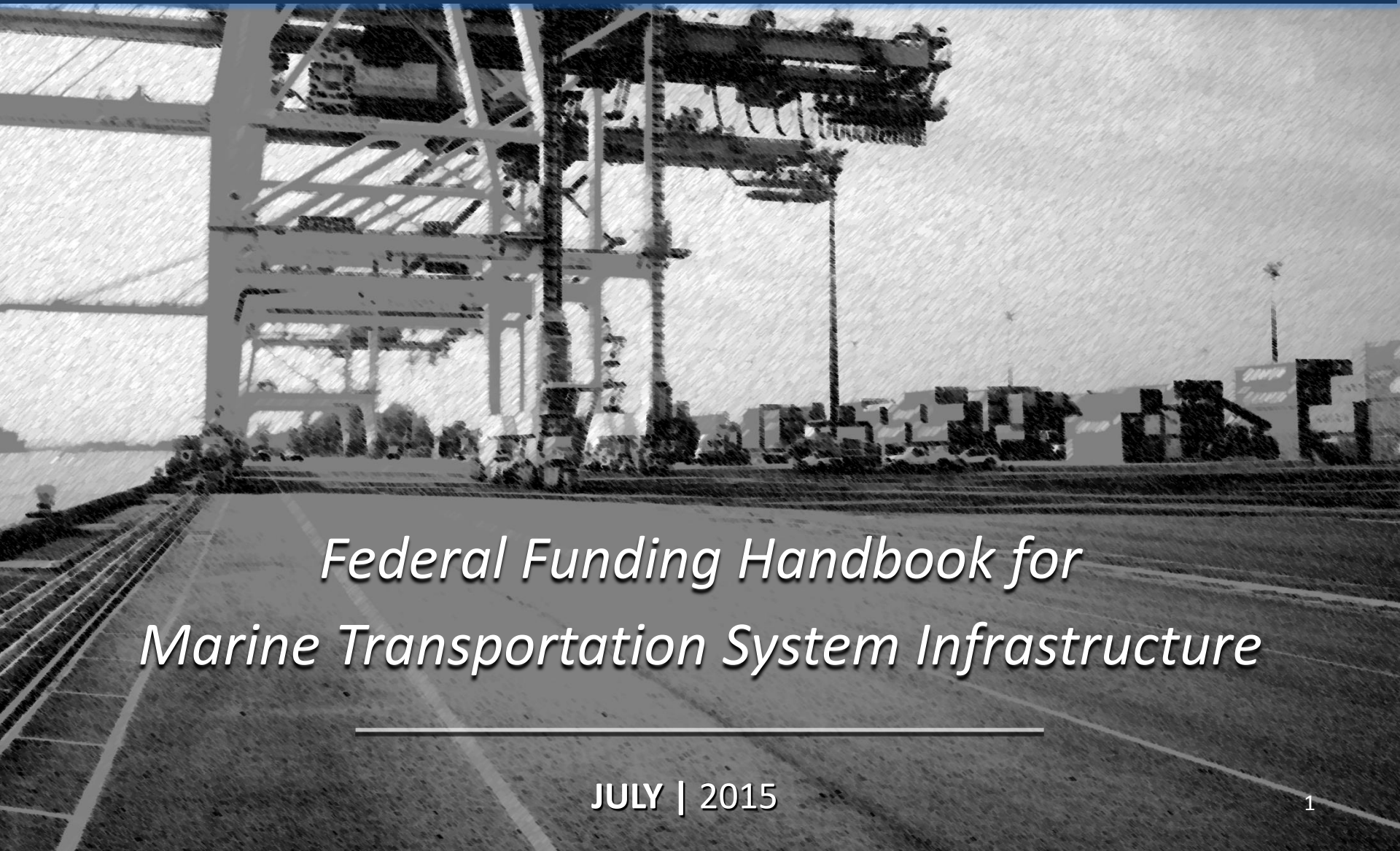


# Build America Investment Initiative



## *Federal Funding Handbook for Marine Transportation System Infrastructure*

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JULY | 2015



*This report was prepared for the White House Build America Initiative  
by the U.S. Committee on the Marine Transportation System*



# INFRASTRUCTURE INVESTMENT & U.S. CMTS

The U.S. Committee on the Marine Transportation System (CMTS) has developed this second edition of the Federal Funding Handbook for Marine Transportation System Infrastructure as a resource for public and private stakeholders. It is a reference to funding programs – both commonly known and less known – ranging from coastal wetland and wildlife and resilience to economic development. It is a living document that will be updated periodically. To that end, we welcome stakeholder input to ensure this handbook continues to be a valuable and relevant document. This Funding Handbook supports the White House Build America Initiative.

The U.S. CMTS is a Federal interdepartmental coordinating committee directed in 46 U.S.C. §5502 to:

- Assess the adequacy of the Marine Transportation System (MTS)
- Promote the integration of the MTS with other modes of transportation and marine uses
- Coordinate, improve coordination and make recommendations with regard to Federal policies that impact the MTS.

For further information, please visit <http://www.cmts.gov/>





# FEDERAL FUNDING PROGRAMS

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This handbook contains more than 85 currently authorized Federal multimodal transportation infrastructure funding, financing, and technical assistance programs for infrastructure in the Marine Transportation System (MTS) through fiscal year (FY) 2015. The MTS consists of ocean, coastal, and inland waterways; ports, intermodal connections (freight and passenger), and vessels; and commercial, military, and recreational users.\* MTS infrastructure consists of the physical and technological (including cyber) elements that move people and goods within the MTS.

This second addition includes 30 additional programs. The most funding programs are, again, related to the environmental/marine category. Also, this edition has a new category – Resilience – that has provided the second most funding opportunities to the MTS. Third is roadway development denoted as “Roadway” or “Roadway & Port Development” in the first edition and “Roadway” or “Roadway and Rail Corridors, Port Development” in the second edition”

The first edition also included a chart which displayed “Funding Types By Agency” that showed programs by agency such as the Federal Highway Administration (FHWA) and National Oceanic and Atmospheric Administration (NOAA). This second edition compiles the programs into larger departments, given the greater number of programs. Yet overall the U.S. Department of Transportation had a significant number of programs, as did the Department of Interior and Department of Commerce (NOAA) reinforcing the focus on environmental/marine programs. The new agency in this edition is the National Science Foundation (NSF) which has more than 20 programs, more than another other agency in either edition. The NSF programs highlight the research category, an invaluable element to supporting physical and cyber infrastructure

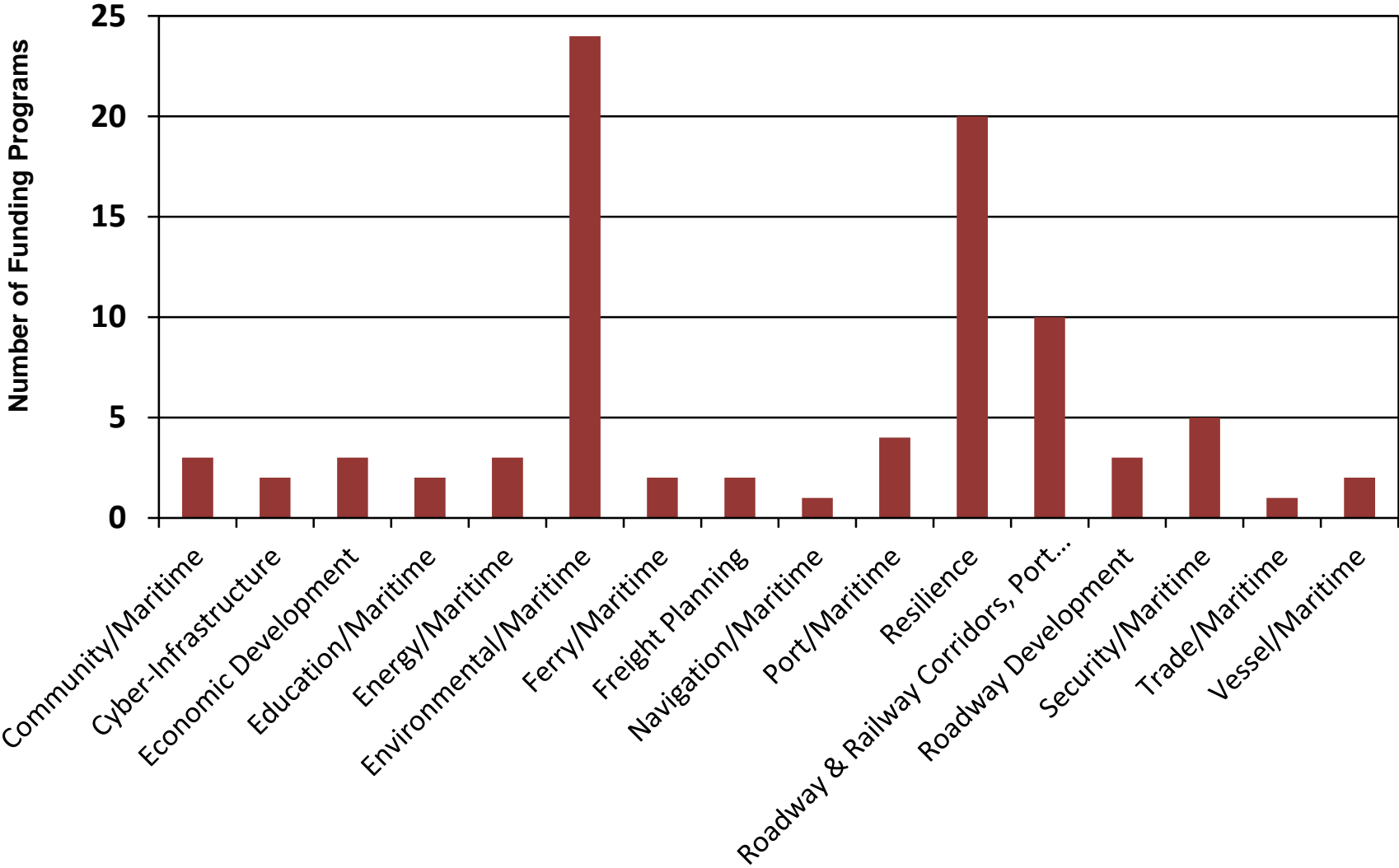
For more information on these, refer to [www.Grants.gov](http://www.Grants.gov) or the program website.

# FUNDING CATEGORIES

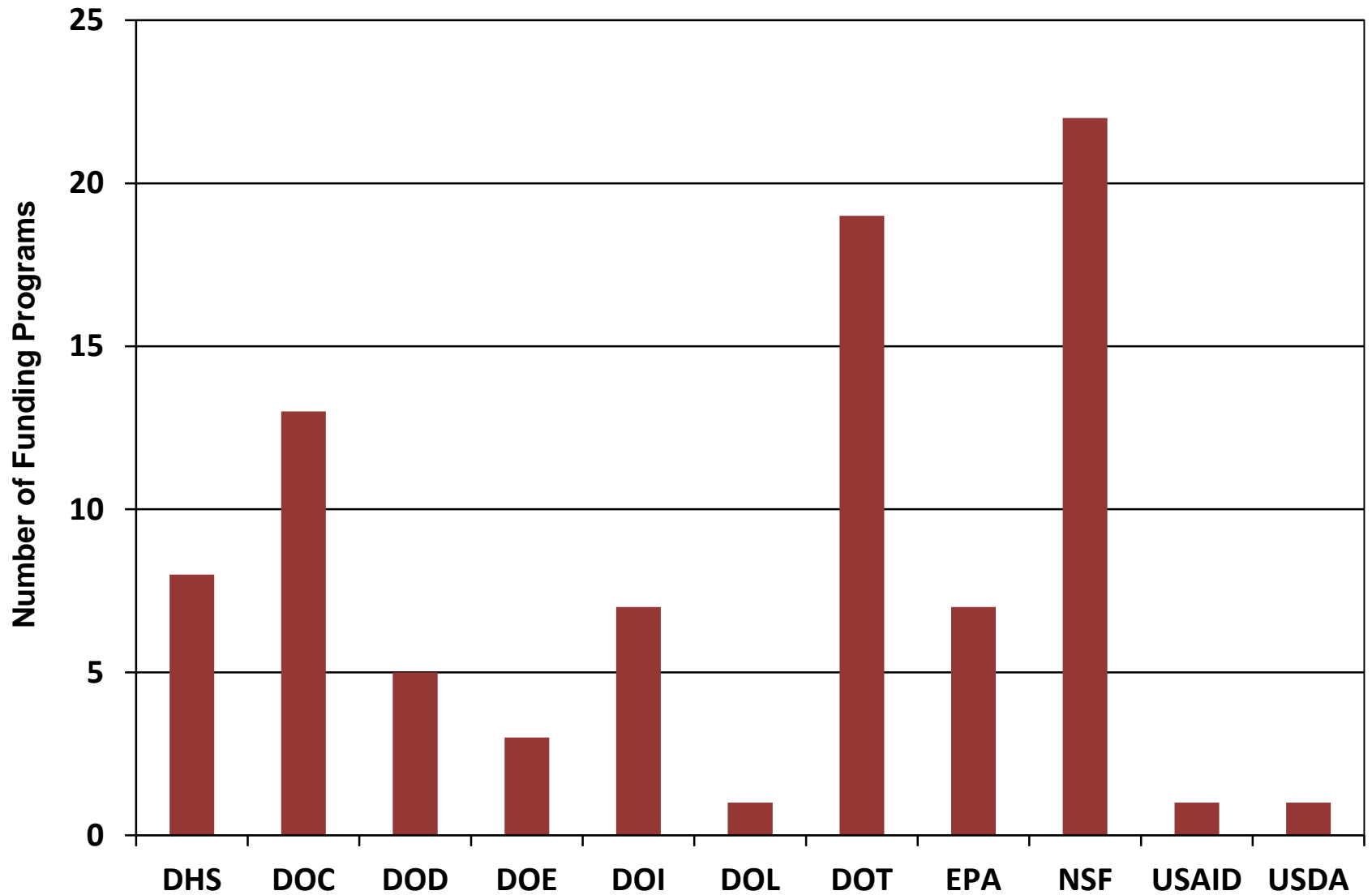
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1. **Community/Maritime:** Funding programs in the MTS that involve the surrounding community.
2. **Cyber-Infrastructure:** Funding programs that address informational infrastructure elements which support the MTS.
3. **Economic Development:** Funding programs that strengthen the economy and create jobs.
4. **Education/Maritime:** Funding programs that assist in the development of industry knowledge; e.g., workshops & conferences.
5. **Energy/Maritime:** Funding programs that are related to the use of energy in the MTS.
6. **Environmental/Maritime:** Funding programs that work to create environmental benefits on inland and coastal waterways, landside, and by improving air emissions
7. **Ferry/Maritime:** Funding programs that address marine ferry operations.
8. **Freight Planning:** Funding programs that assist in moving goods domestically.
9. **Navigation/Maritime:** Funding programs that assist in coastal & inland channel maintenance and development.
10. **Port/Maritime:** Funding programs that support improvements to facilities serving a port.
11. **Resilience:** Funding programs that support infrastructure sustainability.
12. **Roadway & Railway Corridors, Port Development:** Funding programs that improve port access including the last-mile of highway and railway development to the port. This type also includes programs applicable to landside port infrastructure, whereas “Port/Maritime” is only applicable to ports and waterways.
13. **Roadway Development:** Funding programs that improve port access including the last-mile of highway.
14. **Security/Maritime:** Funding programs that address security improvements.
15. **Trade/Maritime:** Funding programs that promote the carriage of waterborne goods.
16. **Vessel/Maritime:** Funding programs that promote the construction of U.S. flag vessels.

# FUNDING CATEGORIES



# FUNDING PROGRAMS BY AGENCY





# PROGRAM PAGE DETAILS

## DEPARTMENT/AGENCY

### Funding Program

*Category:* CMTS-defined.

*Funding Method:* Program or Program Manager-defined.

*Purpose:* This field helps explain the purpose of the funding program, commonly derived from the funding program information or sometimes authorizing legislation.

*Who is Eligible:* While the Federal Government currently focuses on leveraging dollars through public-private partnerships, funding is commonly provided to the local, regional, and state public and tribal organizations. The entity to whom funds, financing or technical assistance is awarded commonly works with private organizations. In some cases, private organizations can be the recipient.

*Eligibility Criteria:* The field helps explain not only eligibility criteria but also information that helps explain the program, which in turn helps those reviewing this handbook to understand the program.

*Program POC:* Primary point-of-contact. When available, the program manager is provided.

*Further Information:* Website of authorization or funding program, if not Grants.gov.

*How to Apply:* This field provides the necessary information on how to apply; however, it is recommended to review the program website and/or Grants.gov.

*Authorization:* Authorizing legislation. In some cases, the appropriations act is shown.

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# DEPARTMENT OF ENERGY

## NEXT GENERATION MARINE ENERGY SYSTEMS - DURABILITY & SURVIVABILITY

**Category:** Energy/Maritime

**Funding Method:** Cooperative Agreements/Cost Share requirements

**Purpose:** To improve system cost characteristics (i.e. Initial capital costs (ICC), Operational Expenditures (OPEX), Availability, and System Life) by reducing the risk and uncertainty that drives conservatism in design and premature failures in operations. Projects awarded under Topic Area 1 will reduce ICC or extend system life by developing system designs and defining the conditions for survival.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity.)

**Eligibility Criteria:** To be eligible to submit a Full Application, Applicants must submit a Concept Paper by specified due date. Each Concept Paper must be limited to a single concept or technology. Unrelated concepts and technologies should not be consolidated into a single Concept Paper. The Concept Paper requirements can be found on the website listed below. Other eligibility requirements include required cost share depending on type of research and development.

**Program POC:** Gerritt Lang, Gerritt.Lang@EE.Doe.Gov

**Further Information:** <https://eere-exchange.energy.gov/#FoalDfe65b096-e243-42b5-b4ff-9bb04f5e8389>

**How to Apply:** The application process includes two phases: 1.) a Concept Paper phase and 2.) a Full Application phase. Only applicants who have submitted an eligible Concept Paper will be eligible to submit a Full Application. At each phase, EERE performs an initial eligibility review of the applicant submissions to determine whether they meet the eligibility requirements of Section III of the FOA. EERE will not review or consider noncompliant and/or nonresponsive or otherwise ineligible submissions. All submissions must conform to the following form and content requirements, including maximum page lengths, described below and must be submitted via EERE Exchange at <https://eere-exchange.energy.gov/>, unless specifically stated otherwise. A control number will be issued when an Applicant begins the Exchange application process. This control number must be included with all Application documents, as described below. The Concept Paper, Full Application, and Reply to Reviewer Comments must conform to the requirements in the NOFA.

**Authorization:** U.S. DOE/Office of Energy Efficiency and Renewable Energy

# DEPARTMENT OF ENERGY

## RFI: FACILITATING THE DEVELOPMENT OF THE OFFSHORE WIND INDUSTRY IN THE U.S.

**Category:** Energy/Maritime

**Funding Method:** Only a request for information to provide input for future funding opportunity

**Purpose:** To assist the WWPTO in its strategic approach to pursuing the paths forward presented in the 2015 Wind Vision: A New Era for Wind Power in the United States report.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity.)

**Eligibility Criteria:** Please submit your responses via pages 12-14 of this RFI is structured into four categories of interest . The first three categories of information requested correspond loosely to the focus areas of the 2011 National Offshore Wind Strategy report, and the fourth category is an overarching view of these focus area activities: - Category 1: Technology Development; - Category 2: Market Barrier Removal; - Category 3: Crosscutting; and - Category 4: Overall Strategy and Impact. Respondents are requested to provide the following information on page 11 of this RFI: - Company / institution name; - Company / institution contact; - Contact's address, phone number, and e-mail address; and - Role in offshore wind industry.

**Program POC:** Greg Matzat, Senior Advisor, Offshore Wind Technologies, greg.matzat@ee.doe.gov

**Further Information:** <https://eere-exchange.energy.gov/#Foaldf3c5d489-270d-404c-afec-5b1dac95d8a5>

**How to Apply:** REQUEST FOR INFORMATION RESPONSE GUIDELINES: Responses to this RFI must be submitted electronically to OffshoreRFI1350@ee.doe.gov no later than 5:00pm (ET) on July 02, 2015. Responses must be provided as attachments to an email, using the fillable fields of this document (.pdf). It is recommended that attachments with file sizes exceeding 25MB be compressed (i.e., zipped) to ensure message delivery. Only electronic responses using the following template will be accepted. Please identify your answers by responding to a specific question or topic if possible. Respondents may answer as many or as few questions as they wish. EERE will not respond to individual submissions or publish publicly a compendium of responses. A response to this RFI will not be viewed as a binding commitment to develop or pursue the project or ideas discussed.

**Authorization:** U.S. DOE/Office of Energy Efficiency and Renewable Energy

# DEPARTMENT OF ENERGY

## MARINE & HYDROKINETIC SYSTEMS PERF ADVANCEMENT II: COMP. METRIC VALIDATION

**Category:** Energy/Maritime

**Funding Method:** Cooperative Agreements/Cost Share requirements

**Purpose:** The topic areas aim to increase annual energy production through greater conversion efficiencies; increase availability through greater reliability and survivability; and reduce the cost of capital expenses, as well as operations and maintenance through increased manufacturability, and increased applicability. The three topic areas are advanced controls, cross-cutting power take-off components and innovative structures.

**Who is Eligible:** Eligible applicants include small businesses, special district governments, Native American tribal organizations (other than Federally recognized tribal governments), individuals, private institutions of higher education, state governments, county governments, city or township governments, independent school districts, Native American tribal governments (Federally recognized), nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education, public and State controlled institutions of higher education, Public housing authorities/Indian housing authorities, and nonprofits having a 501(c)(3) status with the IRS other than institutions of higher education. Also, Federally Funded Research and Development Centers (FFRDCs) and Government-Owned, Government-Operated laboratories (GOGOs) are not eligible to apply as prime recipient. Other than as provided in the "Individuals" or "Domestic Entities" sections of the FOA, all Prime Recipients receiving funding under this FOA must be incorporated (or otherwise formed) under the laws of a State or Territory of the United States.

**Eligibility Criteria:** To be eligible to submit a Full Application, Applicants must submit a Concept Paper by specified due date. Each Concept Paper must be limited to a single concept or technology. Unrelated concepts and technologies should not be consolidated into a single Concept Paper. The Concept Paper requirements can be found on the website listed below. Other eligibility requirements include required cost share depending on type of research and development.

<b>Program POC:</b>	Alison Labonte, Alison.LaBonte@ee.doe.gov
<b>Further Information:</b>	<a href="https://eere-exchange.energy.gov/#FoaId4922e9f6-b905-4108-89a7-849b8dfcbb3b">https://eere-exchange.energy.gov/#FoaId4922e9f6-b905-4108-89a7-849b8dfcbb3b</a>
<b>How to Apply:</b>	The application process includes two phases: 1.) a Concept Paper phase and 2.) a Full Application phase. Only applicants who have submitted an eligible Concept Paper will be eligible to submit a Full Application. At each phase, EERE performs an initial eligibility review of the applicant submissions to determine whether they meet the eligibility requirements of Section III of the FOA. EERE will not review or consider noncompliant and/or nonresponsive or otherwise ineligible submissions. All submissions must conform to the following form and content requirements, including maximum page lengths, described below and must be submitted via EERE Exchange at <a href="https://eere-exchange.energy.gov/">https://eere-exchange.energy.gov/</a> , unless specifically stated otherwise. A control number will be issued when an Applicant begins the Exchange application process. This control number must be included with all Application documents, as described below. The Concept Paper, Full Application, and Reply to Reviewer Comments must conform to the requirements in the NOFA.
<b>Authorization:</b>	U.S. DOE/Office of Energy Efficiency and Renewable Energy

# DEPARTMENT OF HOMELAND SECURITY

## CENTERS FOR EXCELLENCE

**Category:** Security/Maritime

**Funding Method:** Grant/Cost Match

**Purpose:** To provide homeland security agencies with the highly skilled workforce they will need.

**Who is Eligible:** The DHS University Network is a consortium of COEs that work together to solve complex homeland security problems, including COEs for Risk and Economic Analysis of Terrorism Events - USC; National Center for Zoonotic and Animal Disease Defense - Texas A&M & KSU; COE for Visualization and Data Analytics - Rutgers, the State University of New Jersey, & Purdue; Maritime and Arctic Security Centers of Excellence - Stevens Institute of Technology & University of Alaska Anchorage; National Center for Food Protection and Defense - University of MN; National Consortium for the Study of Terrorism and Responses to Terrorism - University of MD; Center for Awareness and Location of Explosives-Related Threats - NE University; National Center for Border Security and Immigration - University of AZ; COE for Borders, Trade and Immigration Research - University of Houston; Coastal Hazards Center - University of North Carolina (Chapel Hill) and Jackson State University; Coastal Resilience Center - University of NC (Chapel Hill); and Critical Infrastructure Resilience Center - University of Illinois Urbana Champaign.

**Eligibility Criteria:** This FOA is for supplemental awards for existing Centers of Excellence (COEs) listed under Eligible Applicants. No formal selection process is anticipated because this is a non-competing supplemental. The only eligible applicants for this supplemental are the Centers of Excellence listed above in Eligible Applicants. The original applications were reviewed by subject matter experts for the entire Period of Performances initially announced. Supplemental applicants will be required to submit a new budget which will go through a cost analysis review and justification for any changes in scope will be required by the Grants Officer.

**Program POC:** Office of University Programs, [universityprograms@hq.dhs.gov](mailto:universityprograms@hq.dhs.gov)

**Further Information:** <http://www.grants.gov/view-opportunity.html?dpp=1&oppId=275732>

**How to Apply:** Application forms and instructions are available at [Grants.gov](http://www.grants.gov). To access these materials, go to <http://www.grants.gov>, select "Applicants" then "Apply for Grants," read the registration requirements and register if necessary (Allow up to 7-10 business days after you submit before your registration is active in SAM, then an additional 24 hours for Grants.gov to recognize your information). In order to obtain the application package select "Download a Grant Application Package." Enter the CFDA "97.061" and/or the funding opportunity number "DHS-15-061-COE-SUPP", select "Download Package," and then follow the prompts to download the application package. For a hardcopy of the full NOFO, please email a request to: [Jacqueline.greely@hq.dhs.gov](mailto:Jacqueline.greely@hq.dhs.gov)

**Authorization:** Homeland Security Act of 2002(Public Law 107-296, as amended by PL108-7xx)



# DEPARTMENT OF HOMELAND SECURITY

## SECURING THE CITIES PROGRAM

**Category:** Security/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To reduce the risk of a successful deployment of a radiological/nuclear (R/N) terrorist weapon against a major U.S. metropolitan area by establishing sustainable capability within Global Nuclear Detection Architecture (GNDA) partner agencies to detect, analyze, and report nuclear and other radioactive materials out of regulatory control.

**Who is Eligible:** The following entities within eligible Urban Area Security Initiative (UASI) regions may apply directly to DHS under this solicitation: City or township governments, county governments, and others (see advertisement for clarification). The applicant is termed the lead agency (applicant).

**Eligibility Criteria:**

The STC Program requires a regional approach to R/N detection to reduce risk to major metropolitan areas. The effort covered by this announcement focuses on the following seven Urban Area Security Initiative (UASI) regions: Bay Area, CA; Boston Area, MA; Chicago Area, IL; Dallas/Fort Worth/Arlington Area, TX; Houston Area, TX; Philadelphia Area, PA; and San Diego Area, CA. The New York City, Jersey City/Newark, Los Angeles/Long Beach, and the National Capital Region were covered by separate STC Program funding opportunities and are not eligible for this announcement. Eligible lead agencies (applicant) include government entities residing within the FEMA defined UASI regions defined above. UASI working group and/or Council of Governments are eligible as lead agency (applicant). Interstate and state agencies who support the UASI region may be a principal partner; however, they may not serve as lead agency (applicant). "Other" eligible lead agencies include law enforcement, first response, or emergency management agencies that are part of the city, township, or county included in the UASI regions defined above.

**Program POC:** Janet Bailey, Grants Spec., janet.bailey@hq.dhs.gov, 202-447-0362; Christopher Magrino, Program Officer, christopher.magrino@hq.dhs.gov, 202-25

**Further Information:** <http://www.grants.gov/web/grants/search-grants.html?keywords=maritime>

**How to Apply:** Application forms and instructions are available at Grants.gov. To access these materials, go to <http://www.grants.gov>, select "Applicants" then "Apply for Grants," read the registration requirements and register if necessary (Allow up to 7-10 business days after you submit before your registration is active in SAM, then an additional 24 hours for Grants.gov to recognize your information). to obtain the application package select "Download a Grant Application Package." Enter the CFDA and/or the funding opportunity number located on the cover of this funding opportunity, select "Download Package," and then follow the prompts to download the application package. For a hardcopy of the full funding opportunity, please email the DHS Grants Officer. Applications will be processed through the Grants.gov portal. If the applicant encounters difficulties, please contact the Grants.gov Help Desk at 1-800-518-4726 to report the problem and obtain assistance with the system.

**Authorization:** DHS Appropriations Act, 2015; Title IV – Research and Development, Training, and Services; Domestic Nuclear Detection Office.

# DHS/FEDERAL EMERGENCY MANAGEMENT AGENCY

## FY14 FIRE PREVENTION & SAFETY GRANT PROGRAM

**Category:** Resilience

**Funding Method:** Grant/Cost-Match

**Purpose:** To enhance the safety of the public and firefighters from fire and related hazards. The primary or overarching goal is to reduce injury and prevent death among high-risk populations.

**Who is Eligible:** Fire Departments, Private institutions of higher education, Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, Public and State controlled institutions of higher education, Native American tribal governments (Federally recognized), County governments, and City or township governments.

**Eligibility Criteria:** The objective of the FY 2014 FP&S Program is to award grants directly to eligible applicants to carry out fire prevention and education, fire code enforcement, fire and arson investigation, and firefighter safety and health programming and prevention efforts. The FY 2014 FP&S Program's allowable costs support the efforts to build and sustain core capabilities. Examples of tangible outcomes from FY 2014 FP&S Program includes building, sustaining, and delivering core capabilities through: • Public Information and Warning, • Operational Coordination, • Planning, • Community Resilience, • Long-Term Vulnerability Reduction, and • Environmental Response/Health and Safety. Accordingly, the five categories eligible for funding under this activity include the following: o Clinical Studies, o Technology and Product Development, o Database System Development, o Dissemination and Implementation Research, and o Preliminary Studies.

**Program POC:** FP&S Help Desk, (866) 274-0960, and [firegrants@fema.gov](mailto:firegrants@fema.gov).

**Further Information:** <https://www.fema.gov/welcome-assistance-firefighters-grant-program>

**How to Apply:** FEMA provides a complete application checklist available at [http://www.fema.gov/media-library-data/1426003324708-4df3dd7792003b8663b25de93c3b196e/2014\\_FPS\\_Application\\_Check\\_List\\_Final.pdf](http://www.fema.gov/media-library-data/1426003324708-4df3dd7792003b8663b25de93c3b196e/2014_FPS_Application_Check_List_Final.pdf).

**Authorization:** Section 33 of the Federal Fire Prevention and Control Act of 1974, Pub. L. No. 93-498, as amended (15 USC § 2229)

# DHS/FEDERAL EMERGENCY MANAGEMENT AGENCY

## TRANSIT SECURITY GRANT PROGRAM (TSGP)

**Category:** Security/Maritime

**Funding Method:** Competitive Grant

**Purpose:** To provide funds to eligible publicly-owned operators of public transportation (which include ferries and other transit modes) to protect critical surface transportation infrastructure and the traveling public from acts of terrorism and to increase the resilience of transit infrastructure.

**Who is Eligible:** Eligible transit agencies are determined based on daily unlinked passenger trips (ridership) and transit systems that serve historically eligible Urban Area Security Initiative (UASI) jurisdictions. Certain ferry systems are eligible to participate in the FY 2015 TSGP. Ferry systems that elected to participate under the FY 2015 TSGP may not participate in the FY 2015 Port Security Grant Program (PSGP). Likewise, any ferry system that elected to participate in the PSGP will not be considered for funding under the TSGP.

**Eligibility Criteria:** To be eligible for the FY 2015 TSGP, transit agencies must have developed or updated their security plan, which must be based on a security assessment such as the Baseline Assessment for Security Enhancement (BASE) performed by Transportation Security Inspectors-Surface from the Transportation Security Administration (TSA), within the last three years prior to receiving an FY 2015 award. A copy of the security plan and security assessment must be available for DHS/FEMA review upon request. Please see Appendix G of the Notice of Funding Opportunity (NOFO) – Security Plan Requirements for more information on security plan requirements. Also, all entities providing transit security (e.g., city/county police department, public transportation agency’s own police department) for any public transportation agency must sign the security plan. In addition, the agency’s transit security provider is encouraged to review the Investment Justifications (IJs) prior to submission. Also, each public transportation agency receiving funds through this program must participate in a Regional Transit Security Working Group (RTSWG) or develop a RTSWG if one does not already exist. Finally, prior to allocation of any Federal preparedness awards in FY 2015, recipients must ensure and maintain adoption and implementation of National Incident Management System (NIMS) Implementation. Additional information is available on FEMA’s National Integration Center Resource Management website.

**Program POC:** For additional program-specific information, please contact the Centralized Scheduling and Information Desk (CSID) help line at (800) 368-6498 or As

**Further Information:** <https://www.fema.gov/fy-2015-transit-security-grant-program>

**How to Apply:** Applying for an award under this program is a multi-step process and requires time to complete. The steps involved in applying for an award under this program are:1. Applying for, updating or verifying their DUNS Number;2. Applying for, updating or verifying their EIN Number;3. Updating or verifying their SAM Number;4. Establishing an Authorized Organizational Representative (AOR) in Grants.gov;5. Submitting an initial application in Grants.gov; and6. Submitting the complete application in ND Grants.

**Authorization:** Appropriated by the Department of Homeland Security Appropriations Act, 2015 and authorized by Section 1406 of the Implementing Recommendation

# DHS/FEDERAL EMERGENCY MANAGEMENT AGENCY

## HOMELAND SECURITY GRANT PROGRAM

**Category:** Security/Maritime

**Funding Method:** Formula Grant

**Purpose:** To implement investments that build, sustain, and deliver the 31 core capabilities essential to achieving the National Preparedness Goal (the Goal) of a secure and resilient Nation. The building, sustainment, and delivery of these capabilities require the combined effort of the whole community. The FY 2015 HSGP supports core capabilities across the five mission areas of Prevention, Protection, Mitigation, Response, and Recovery based on allowable costs.

**Who is Eligible:** All 50 States, the District of Columbia, territories and Commonwealths are eligible to apply for SHSP funds. For those states, territories and Commonwealths that are eligible for UASI and/or OPSG funding, the State Administrative Agency (SAA) is the only entity eligible to submit applications to DHS/FEMA on behalf of UASI and OPSG applicants. State Administrative Agencies.

**Eligibility Criteria:**

Note that the HSGP is comprised of three grant programs: 1.State Homeland Security Program (SHSP); 2. Urban Area Security Initiative (UASI); and 3. Operation Stonegarden (OPSG). The Notice of Funding Opportunity (NOFO) includes the purpose of each grant program to help develop applications. Also, all 56 States, which includes any state of the United States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands, are eligible to apply for SHSP funds. For those states that are eligible for UASI and OPSG funding, the State Administrative Agency (SAA) is the only entity eligible to submit applications to DHS/FEMA on behalf of UASI and OPSG applicants. Further, eligible sub-recipients under the FY 2015 OPSG Program are local units of government at the county level and Federally-recognized Tribal governments in states bordering Canada, states bordering Mexico, and states and territories with international water borders. All applicants must have active ongoing US Border Patrol operations coordinated through a Customs and Border Patrol sector office to be eligible for OPSG funding. And eligible high-risk Urban Areas for the FY 2015 UASI Program have been determined through an analysis of relative risk of terrorism faced by the 100 most populous metropolitan statistical areas (MSAs) in the United States. Sub-awards will be made by the SAA to the designated Urban Areas identified in Appendix A-FY 2015 Program Allocations. Finally, see the NOFO for other eligibility information.

<b>Program POC:</b>	For additional program-specific information, please contact the Centralized Scheduling and Information Desk (CSID) help line at (800) 368-6498 or As
<b>Further Information:</b>	<a href="https://www.fema.gov/fy-2015-homeland-security-grant-program">https://www.fema.gov/fy-2015-homeland-security-grant-program</a>
<b>How to Apply:</b>	Applying for an award under this program is a multi-step process and requires time to complete. The steps required to apply for an award are:1. Applying for, updating or verifying the DUNS Number;2. Applying for, updating or verifying the EIN Number;3. Updating or verifying the SAM Number;4. Establishing an authorized Organizational Representative (AOR) in Grants.gov;5. Submitting an initial application in Grants.gov;6. Submitting the IJ in the Grants Reporting Tool (GRT); and7. Submitting the complete application in ND Grants
<b>Authorization:</b>	Appropriated by the Department of Homeland Security Appropriations Act, 2015; and authorized by the Homeland Security Act of 2002, as amended (

# DHS/FEDERAL EMERGENCY MANAGEMENT AGENCY

## PORT SECURITY GRANT PROGRAM (PSGP)

**Category:** Security/Maritime

**Funding Method:** Grant/Cost-Match

**Purpose:** To strengthen the Nation’s critical infrastructure against risks associated with potential terrorist attacks and improve port-wide maritime security risk management; enhance maritime domain awareness; support maritime security training and exercises; and maintain or reestablish maritime security mitigation protocols that support port recovery and resiliency capabilities.

**Who is Eligible:** All entities subject to an Area Maritime Transportation Security Plan (AMSP), as defined by 46 U.S.C. § 70103(b), may apply for PSGP funding. Eligible applicants include, but are not limited to: port authorities, facility operators, and state and local government agencies. Certain ferry systems are also eligible to participate in the FY 2015 PSGP and receive funds. However, any ferry systems that participate and accept awards under the FY 2015 PSGP are not eligible for the FY 2015 Transit Security Grant Program (TSGP). Likewise, any ferry systems that apply for funding under TSGP will not be considered for funding under the PSGP. By law, DHS must direct these funds to the Nation’s highest risk ports. Eligible entities within other Port Areas covered by an AMSP may also apply for PSGP funds

**Eligibility Criteria:** Funding is directed towards the implementation of AMSPs and FSPs among port authorities, facility operators, and state and local government agencies required to provide port security services. In administering the grant program, national, economic, energy, and strategic defense concerns based upon the most current risk assessments available will be considered. In FY 2015, there are no Port Area Group Designations. All Port Areas will be selected for funding through the FY 2015 PSGP competitive review process. Also, only one application per eligible entity within each Port Area is permitted. The location where the project is primarily implemented is considered the Port Area of the application. Applicants with facilities in multiple Port Areas may submit one (1) application per Port Area. Applicants may submit up to five (5) investment justifications within the single application. As a condition of eligibility, all PSGP applicants are required to be fully compliant with relevant Maritime Security Regulations (33 C.F.R. Parts 101-106). Any applicant who, as of the grant application deadline, has an open or outstanding Notice of Violation (NOV), will not be considered for Port Security Grant funding. Further, prior to allocation of any Federal preparedness awards in FY 2015, recipients must ensure and maintain adoption and implementation of National Incident Management System (NIMS) Implementation (NIMS). And there is no Maintenance of Effort requirement for this program. Finally, applications for the purpose of providing a service, product, project, or investment justifications (IJ) on behalf of another entity such as sub-recipients or a consortia are ineligible for funding. Applications will only be accepted and considered for funding from direct recipients.

**Program POC:** Duane Davis, 202-786-9533, Duane.Davis@dhs.gov

**Further Information:** [http://www.fema.gov/media-library-data/1429282564066-3b452acb7dc7a2f1460a15ed855547d9/FY2015PSGP\\_NOFO\\_v2.pdf](http://www.fema.gov/media-library-data/1429282564066-3b452acb7dc7a2f1460a15ed855547d9/FY2015PSGP_NOFO_v2.pdf)

**How to Apply:** The steps involved in applying for an award under this program are: 1.) Applying for, updating or verifying their DUNS Number; 2.) Applying for, updating or verifying their EIN Number; 3.) Updating or verifying their SAM Number; 4.) Establishing an Authorized Organizational Representative (AOR) in Grants.gov; 5.) Submitting an initial application in Grants.gov; and 6.) Submitting the complete application in ND Grants. All applicants must submit their initial application through Grants.gov. And certain applicants will be notified by FEMA and asked to proceed with submitting their complete application package in ND Grants. Applicants can register early with ND Grants and are encouraged to begin their ND Grants registration at the time of this announcement. Early registration will allow applicants to have adequate time to start and complete their application.

**Authorization:** Section 102 of the Maritime Transportation Security Act of 2002, as amended, (Pub. L. No. 107-295) (46 U.S.C. § 70107)

# DHS/FEDERAL EMERGENCY MANAGEMENT AGENCY

## FY15 PRE-DISASTER MITIGATION

**Category:** Resilience

**Funding Method:** Grant/Cost-Match

**Purpose:** To implement and sustain cost-effective measures designed to reduce the risk to individuals and property from natural hazards, while also reducing reliance on Federal funding from future disasters.

**Who is Eligible:** Native American tribal governments (Federally recognized), State governments, District of Columbia; U.S. Territories; and local governments who must apply through the respective state.

**Eligibility Criteria:** To be eligible, activities must meet all requirements referenced in this guidance. Eligible activities for HMA fall into the following categories: ♦ Mitigation projects (all HMA programs); ♦ Hazard mitigation planning (all HMA programs); ♦ Technical assistance (FMA only); and ♦ Management costs (all HMA programs). Also, see Table 3 of [http://www.fema.gov/media-library-data/1424983165449-38f5dfc69c0bd4ea8a161e8bb7b79553/HMA\\_Guidance\\_022715\\_508.pdf](http://www.fema.gov/media-library-data/1424983165449-38f5dfc69c0bd4ea8a161e8bb7b79553/HMA_Guidance_022715_508.pdf) for a concise summary eligible activities that may be funded by each HMA program. Detailed descriptions of the noted activities follow the table in Part III, E.1.1.2

**Program POC:** MTeGrants@fema.dhs.gov

**Further Information:** <https://www.fema.gov/pre-disaster-mitigation-grant-program>

**How to Apply:** Applications and sub applications must be submitted via the Mitigation eGrants system. If a Sub applicant does not use the eGrants system, then the Applicant must enter the paper sub application(s) into the eGrants system on the Sub applicant's behalf. Please refer to the FY 15 Pre-Disaster Mitigation Fact Sheet and Notice of Funding Opportunity announcement #DHS-15-MT-047-000-99 posted on Grants.gov for more information. Also, note the following dates and materials: - 2/27/2015 - FEMA released the Fiscal Year 15 Hazard Mitigation Assistance Guidance and Addendum. This document is applicable for disasters declared on or after February 27, 2015. - 2/27/2015 - FEMA released 23 resources and job aids for the Hazard Mitigation Assistance grant programs.- 9/16/2014 - FEMA posted the disposition of sub applications received for the FY 2014 PDM grant program. And - 4/04/2014 – A new update of the Benefit-Cost Analysis Toolkit (version 5.0) became effective and available.

**Authorization:** Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, (42 U.S.C. 5133),



# DHS/FEDERAL EMERGENCY MANAGEMENT AGENCY

## FY15 FLOOD MITIGATION ASSISTANCE

**Category:** Resilience

**Funding Method:** Grant/Cost-Match

**Purpose:** To assist States, territories, federally-recognized tribes, and local communities to implement a sustained pre-disaster natural hazard mitigation program to reduce overall risk to the population and structures from future hazard events, while also reducing reliance on Federal funding in future disasters.

**Who is Eligible:** Native American tribal governments (Federally recognized), State governments, District of Columbia; U.S. Territories; and local governments who must apply through the respective state.

**Eligibility  
Criteria:**

To be eligible, activities must meet all requirements referenced in this guidance. Eligible activities for HMA fall into the following categories: ♦ Mitigation projects (all HMA programs); ♦ Hazard mitigation planning (all HMA programs); And ♦ Technical assistance (FMA only) ♦ Management costs (all HMA programs). Also, see Table 3 of [http://www.fema.gov/media-library-data/1424983165449-38f5dfc69c0bd4ea8a161e8bb7b79553/HMA\\_Guidance\\_022715\\_508.pdf](http://www.fema.gov/media-library-data/1424983165449-38f5dfc69c0bd4ea8a161e8bb7b79553/HMA_Guidance_022715_508.pdf) for a concise summary eligible activities that may be funded by each HMA program. Detailed descriptions of the noted activities follow the table in Part III, E.1.1.

**Program POC:** MTeGrants@fema.dhs.gov

**Further Information:** [http://www.fema.gov/media-library-data/1424983165449-38f5dfc69c0bd4ea8a161e8bb7b79553/HMA\\_Guidance\\_022715\\_508.pdf](http://www.fema.gov/media-library-data/1424983165449-38f5dfc69c0bd4ea8a161e8bb7b79553/HMA_Guidance_022715_508.pdf)

**How to Apply:** Applications for Pre-Disaster Mitigation and Flood Mitigation Assistance are processed through the eGrants system. The eGrants system encompasses the entire grant application process and provides the means to electronically create, review, and submit a grant application to FEMA via the Internet. Applicants and sub applicants can access eGrants at <https://portal.fema.gov/famsVuWeb/home>. The FEMA Enterprise Service desk (for eGrants issues) phone number is 1 (877) 611-4700. For eGrants Helpdesk resources, see Part IX, C.6. For more information about using NEMIS or eGrants, contact the appropriate FEMA Regional Office (see Part VII).

**Authorization:** Section 1366 of the National Flood Insurance Act of 1968, as amended (NFIA), 42 U.S.C. 4104c,

# DOC/ECONOMIC DEVELOPMENT ADMINISTRATION

## PLANNING PROGRAM & LOCAL TECHNICAL ASSISTANCE PROGRAM

**Category:** Economic Development

**Funding Method:** Grant/Cost-Match

**Purpose:** To provide investments supporting construction, non-construction, technical assistance, and revolving loan fund projects under EDA's Planning and Local Technical Assistance programs. Under the Planning program EDA assists eligible recipients in creating regional economic development plans designed to build capacity and guide the economic prosperity and resiliency of an area or region.

**Who is Eligible:** EDA is not authorized to provide grants or cooperative agreements to individuals or to for-profit entities. Requests from such entities will not be considered for funding. Eligible applicants for EDA financial assistance under the Public Works and EAA programs include a(n): (i) District Organization of a designated Economic Development District; (ii) Indian Tribe or a consortium of Indian Tribes; (iii) State, county, city, or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (iv) institution of higher education or a consortium of institutions of higher education; or (v) public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State. See section 3 of PWEDA (42 U.S.C. § 3122) and 13 C.F.R. § 300.3.

**Eligibility Criteria:** Awards under EDA's Planning and Local Technical Assistance programs will demonstrate the probability of effecting positive economic development impacts within distressed regions and help promote regional economic resiliency. Although meeting specific distress criteria is not a prerequisite for funding under the two programs, the economic distress level of the region impacted by a project serves as the basis for establishing the EDA share of the total cost of a project. Also, as part of this program, EDA supports Partnership Planning investments to 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. In general, EDA provides Partnership Planning grants to the designated planning organization (e.g., District Organization) serving EDA-designated Economic Development Districts to enable these organizations to develop and implement relevant CEDS. In addition, EDA provides Partnership Planning grants to Indian Tribes to help develop and implement CEDS and associated economic development activities. The Planning program also helps support planning organizations, including District Organizations, Indian Tribes, and other eligible recipients, with Short-Term and State Planning investments designed to guide the eventual creation and retention of high-quality jobs, particularly for the unemployed and underemployed in the Nation's most economically distressed regions. The Local Technical Assistance program strengthens the capacity of local or State organizations, institutions of higher education, and other eligible recipients to undertake and promote effective economic development programs through projects such as feasibility analyses and impact studies.

**Program POC:** David Ives, [davidives@eda.gov](mailto:davidives@eda.gov)

**Further Information:** <http://www.eda.gov/funding-opportunities/>

**How to Apply:** Please see the corresponding FFO for specific application requirements. EDA strongly encourages electronic submissions of applications through [Grants.gov](http://Grants.gov).

**Authorization:** Sections 203 (42 U.S.C. § 3143) and 207 (42 U.S.C. § 3147) of PWEDA,

# DOC/ECONOMIC DEVELOPMENT ADMINISTRATION

## ECONOMIC DEVELOPMENT ASSISTANCE PROGRAMS

**Category:** Economic Development

**Funding Method:** Discretionary Grant

**Purpose:** To support the implementation of economic development strategies that advance new ideas and creative approaches to advance economic prosperity in urban and rural distressed communities.

**Who is Eligible:** Pursuant to PWEDA, eligible applicants for and eligible recipients of EDA investment assistance under the Public Works and Economic Adjustment Assistance Programs include a(n): 1. District Organization; 2. Indian Tribe or a consortium of Indian Tribes; 3. State, county, city, or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; 4. Institution of higher education or a consortium of institutions of higher education; or 5. Public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State. Finally, EDA is not authorized to provide grants to individuals or for-profit entities, and such requests will not be considered for funding. See section 3 of PWEDA (42 U.S.C. § 3122) and 13 C.F.R. § 300.3.

**Eligibility Criteria:** An applicant must propose a project located in a Region meeting EDA's distress criteria for the date EDA receives the application. Applicants must provide 3rd-party data indicating the relevant Region for one (or more) of the following economic distress criteria: (i) an unemployment rate at least one percentage point greater than the national average unemployment rate for the most recent 24-month period of available data; (ii) per capita income that is, for the most recent period for which data are available, 80 percent or less of the national average per capita income; or (iii) a "Special Need," as determined by EDA (see section 301 of PWEDA (42 U.S.C. § 3161) and 13 C.F.R. § 301.3). An applicant must define their Region in one of the following three ways: (1.) The Region where the proposed project will be located; (2.) When the Project is located in an Economic Development District that is located in a Region that doesn't meet EDA's economic distress criteria, the geographic area where substantial direct project-related benefits will occur; or (3.) The geographic area of poverty or high unemployment where the project will be located. See also 13 C.F.R. § 301.3(a). Applicants must self-define the appropriate geographical area that constitutes their Region. For construction projects (including design and engineering) the project must be located within an eligible Region. For non-construction projects, the investment's scope of work must primarily benefit an eligible Region and stakeholders from that eligible Region must be directly engaged. EDA suggests that applicants work closely with their Regional Office as they define an eligible project in their Region. See the "Announcement of Federal Funding Opportunity - Public Works and Economic Adjustment Assistance Programs."

<b>Program POC:</b>	State-Specific Economic Development Representatives. See EDA's website at <a href="http://eda.gov/contacts.htm">http://eda.gov/contacts.htm</a> .
<b>Further Information:</b>	<a href="http://www.grants.gov/search/search.do;jsessionid=KYLnRCGLKpyfZ4xTW8cHW1b3SV0VLRpzdW5ymQFrL6LnQp2pvGth!1848300817?oppId=208353&amp;mode=VIEW">http://www.grants.gov/search/search.do;jsessionid=KYLnRCGLKpyfZ4xTW8cHW1b3SV0VLRpzdW5ymQFrL6LnQp2pvGth!1848300817?oppId=208353&amp;mode=VIEW</a>
<b>How to Apply:</b>	Applicants may use Grants.gov to submit the required documents including the necessary 424s. In addition, preliminary engineering and environmental documents must be submitted as necessary. See <a href="http://www.grants.gov/search/announce.do;jsessionid=l3hPRCJWRpLTnJH1V1MmT80T2VVWYdkjqv41wn91mCZVwCQWvKZ!1848300817">http://www.grants.gov/search/announce.do;jsessionid=l3hPRCJWRpLTnJH1V1MmT80T2VVWYdkjqv41wn91mCZVwCQWvKZ!1848300817</a> for more information. Alternatively, a paper application may be submitted to the EDA Regional Office that covers the state in which the applicant is located.
<b>Authorization:</b>	EDA's Public Works and Economic Adjustment Assistance Programs

# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## COASTAL ECOSYSTEM RESILIENCY GRANTS PROGRAM

**Category:** Resilience

**Funding Method:** Grant/Cost-Match

**Purpose:** To implement projects that use a proactive approach to improve or restore coastal habitat to: 1) strengthen the resilience of our marine and coastal ecosystems to decrease the vulnerability of communities to extreme weather and 2) support sustainable fisheries and contribute to the recovery of protected resources.

**Who is Eligible:** Nonprofits without 501(c)(3) status (other than institutions of higher education), Small businesses, Private institutions of higher education, City or township governments, County governments, Native American tribal organizations (other than Federally recognized tribal governments), Special district governments, Public and State controlled institutions of higher education, Native American tribal governments (Federally recognized), State governments, and For profit organizations other than small businesses.

**Eligibility Criteria:** Applications submitted under this solicitation will be selected based on their ability to demonstrate how the proposed project will enhance the resiliency of marine and coastal ecosystems to the impacts of extreme weather and changing environmental conditions thereby increasing community resilience and providing habitat to threatened and endangered species listed under the Endangered Species Act (hereafter, Listed Species), fish stocks managed under the Magnuson-Stevens Fishery Conservation and Management Act (hereafter, Managed Species), or other marine and coastal species with a nexus to NMFS management (such as through the Atlantic Coastal Fisheries Cooperative Management Act, Atlantic Striped Bass Conservation Act, Marine Mammal Protection Act, Coral Reef Conservation Act, or NMFS Species of Concern). Further, successful applications will 1) identify an issue limiting the resiliency of marine and coastal ecosystems to extreme weather events or changing environmental conditions at the proposed project site; 2) identify the proposed project's outcome goal(s) and describe in detail the actions and on-the-ground restoration to be undertaken to enhance resiliency and reduce risk and; 3) describe the measurable impact on the ecosystem, target species, and surrounding coastal communities to benefit from the proposed habitat restoration project. Applications selected for funding through this solicitation will primarily be funded through cooperative agreements.

**Program POC:** Melanie Gange; [Melanie.Gange@noaa.gov](mailto:Melanie.Gange@noaa.gov); (301) 427-8664

**Further Information:** <http://www.habitat.noaa.gov/pdf/NOAA-NMFS-HCPO-2015-2004213%20FFO.pdf>

**How to Apply:** Applicants should apply through the [www.Grants.gov](http://www.Grants.gov) website. A complete standard NOAA financial assistance application package should be submitted in accordance with the guidelines in this document. Each application must include the application forms from the SF-424 form family: • Application for Federal Assistance: Form SF-424 (7/03 version or newer); • Budget Information for Non-construction Programs: Form SF-424A (prior to award, a Form SF-424A for each year of funding will be required); • Assurances for Non-construction Programs: Form SF-424B; • Certification Regarding Lobbying: Form CD-511; and • Disclosure of Lobbying Activities: Form SF-LLL (if applicable). In addition, NOAA recommends other information in the NOFA as part of the complete application package.

**Authorization:** Fish & Wildlife Coordination Act; Magnuson-Stevens Fishery Conservation & Management Reauth. Act (2006); & Endangered Species Act.

# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## COASTAL & ESTUARINE LAND CONSERV. PROGRAM - FY 2016 GREAT LAKES COMPETITION

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To solicit grant proposals from eligible Great Lakes States for coastal and estuarine land conservation (land acquisition) projects under the Coastal and Estuarine Land Conservation Program (CELCP).

**Who is Eligible:** Eligible applicants for this competition are the designated lead agency for implementing CELCP in each participating State (lead agency).

**Eligibility Criteria:**

The proposed project should be located in a coastal or estuarine area (designated as part of a state's approved coastal and estuarine land conservation (CELC) plan or within a state's coastal watershed boundary); match federal funds with non-federal funds at a ratio of at least 1:1; will be held in public ownership and provide conservation in perpetuity (note: in-kind match property may be held by a qualified non-governmental organization whose primary mission is to acquire and manage land for the purposes of conservation); will provide for access to the general public, or other public benefit, as appropriate and consistent with resource protection; protects important coastal and estuarine areas that have significant conservation, ecological, historical, aesthetic, or recreation values, or that are threatened by conversion from their natural or recreational state to other uses; can be effectively managed and protected; directly advances the goals, objectives or implementation of state coastal management plan or program or NERR management plan approved under the Coastal Zone Management Act (CZMA), national objectives of the CZMA, or a local, regional or state watershed protection plan involving coastal states with approved coastal management programs; and is consistent with the state's approved coastal management program. Finally, proposals submitted shall protect important coastal and estuarine areas that have significant conservation, recreation, ecological, historical, or aesthetic values, or that are threatened by conversion from their natural, undeveloped, or recreational state to other uses. Finally, proposals must advance the goal of the Great Lakes Restoration Initiative (GLRI) to protect and restore Great Lakes aquatic and terrestrial habitats.

**Program POC:** Elaine Vaudreuil, CELCP Program Manager (301) 563-7103; Elizabeth Mountz, (301) 563-1148

**Further Information:** <http://coast.noaa.gov/czm/landconservation/applying/> or [http://www.grants.gov/web/grants/search-grants.html?keywords=coastal marine](http://www.grants.gov/web/grants/search-grants.html?keywords=coastal%20marine)

**How to Apply:** The designated lead agency for implementing CELCP (lead agency) in each participating State is eligible to submit project proposals for funding under this competition (the maximum number of proposals per state will be specified in the FFO). The State's lead agency may solicit, and include in their application, project proposals from additional eligible State or local agencies, as described in this notice. Projects must be located in one of the following Great Lakes States that have submitted a CELCP plan to NOAA and are currently participating in the program: Indiana, Michigan, Ohio, Pennsylvania (Lake Erie coast); New York (Lake Erie and Lake Ontario coasts); and Wisconsin.

**Authorization:** Coastal Zone Management Act (CZMA)

# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## REGIONAL COASTAL RESILIENCE GRANTS PROGRAM

**Category:** Resilience

**Funding Method:** Grant/Cost-Match

**Purpose:** To solicit proposals from eligible entities to develop or implement activities that build resilience of coastal regions, communities, and economic sectors to the negative impacts from extreme weather events, climate hazards, and changing ocean conditions. Successful applicants will develop proposals that plan or implement actions that mitigate the impacts of these environmental drivers on overall resilience, including economic and environmental resilience.

**Who is Eligible:** Eligible funding applicants are: regional organizations (see III.C for explanation), nonprofit organizations, private (for-profit) entities, institutions of higher education, and state, territorial, tribal, and local governments as defined at 2 C.F.R. § 200.64, which includes counties, municipalities, and cities.

**Eligibility Criteria:** To be eligible under this competition, applicants must conduct projects benefiting coastal communities in one or more of the following U.S. states and territories: Alabama, Alaska, American Samoa, California, Connecticut, Delaware, Florida, Georgia, Guam, Hawaii, Illinois, Indiana, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Northern Mariana Islands, Ohio, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, Texas, Virginia, Virgin Islands (U.S.), Washington, and Wisconsin. Applications from individuals, federal agencies, or employees of federal agencies will not be considered, but these entities may serve as collaborative project partners. If federal agencies are collaborators, applicants must provide detail on the expected level of federal engagement in the application. Examples might include, but are not limited to a partnership role serving in a review capacity; or participating in priority task teams, working groups, or leadership teams. The lead applicant on any proposal will be responsible for ensuring that allocated funds are used for the purposes of, and in a manner consistent with, this program, including any funds awarded to an eligible sub-awardee.

**Program POC:** Lisa Warr, Lisa.S.Warr@noaa.gov; 301-563-1153

**Further Information:** <http://www.coast.noaa.gov/resilience-grant/>

**How to Apply:** Application packages for proposals are available through the apply function on Grants.gov. If an applicant does not have Internet access, application packages shall be requested from Lisa Warr, 1305 East-West Hwy, N/OCM6, Silver Spring, MD 20910; or contact her at 301-563-1153 or via email to Lisa.S.Warr@noaa.gov. A complete standard NOAA financial assistance application package should be submitted in accordance with the guidelines in this document. Each application must include the application forms from the SF-424 form family: - Application for Federal Assistance: Form SF-424 (7/03 version or newer); - Budget Information for Non-construction Programs: Form SF-424A; - Assurances for Non-construction Programs: Form SF-424B; And -Certification Regarding Lobbying: Form CD-511- Disclosure of Lobbying Activities: Form SF-LLL (if applicable). In addition, all funding application packages are requested to contain the components described in the NOFA.

**Authorization:** Coastal Zone Management Act



# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## PHYSICAL OCEANOGRAPHIC REAL TIME SYSTEM (PORTS®)

**Category:** Port/Maritime

**Funding Method:** Partnership Program for Program Management

**Purpose:** To improve the safety and efficiency of maritime commerce and coastal resource management through the integration of real-time environmental observations, forecasts and other geospatial information.

**Who is Eligible:** Federal, state and local entities authorized to enter into memorandums of agreement with the federal government

**Eligibility Criteria:** When the potential partner develops a formal letter, he/she provides system requirements and funding for local equipment, installation and annual operations and maintenance of the equipment. (PORTS® is a partnership program where NOAA provides program management, the data management and dissemination infrastructure, 24x7 QA/QC, new technology development and national standards. PORTS® measures and disseminates observations and predictions of water levels, currents, waves, salinity, water temperature, bridge clearance and meteorological parameters (e.g., winds, atmospheric pressure, air temperature, visibility) that mariners need to enhance situational awareness.)

**Program POC:** Darren Wright, NOAA's Ocean Service, Operational Oceanographic Products & Services (Darren.Wright@NOAA.gov, 301-713-2981 x 123)

**Further Information:** <http://tidesandcurrents.noaa.gov/ports.html>

**How to Apply:** The future NOAA partner should contact Darren Wright to initially discuss. If the potential partner intends to participate and can identify required local funding, the partner should then develop a formal letter to the Director of NOAA's Center for Operational Oceanographic Products & Services office requesting a PORTS to officially initiate the process. NOAA then considers the request and enters into a partnership with the interested party to develop the system. For more information, please contact Mr. Wright.

**Authorization:** Hydrographic Services Improvement Act of 1998, as amended.

# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## FY 2016 IMPLEMENTATION OF THE U.S. INTEGRATED OCEAN OBSERVING SYSTEM (IOOS®)

**Category:** Environmental/Maritime

**Funding Method:** Grant (No Match)

**Purpose:** NOAA is requesting proposals for coordinated regional efforts that further the IOOS in two topic areas, 1) sustaining and enhancing comprehensive regional observing systems and 2) verification and validation of observing technologies for studying and monitoring coastal and ocean environments.

**Who is Eligible:** Eligible applicants include private institutions of higher education; nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education; small businesses; Native American tribal governments (Federally recognized); Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education; city or township governments; special district governments; state governments; county governments; public and State controlled institutions of higher education; and for-profit organizations other than small businesses.

**Eligibility Criteria:**

Applicants should note that there are two funding areas. For Topic Area 1 - Implementation and Development of Regional Coastal Ocean Observing Systems, NOAA is inviting proposals for five-year funding to continue the implementation and development of regional coastal ocean observing systems. NOAA expects successful awardees to serve as a Regional Association responsible for operating the Regional Coastal Observing System. Applicants should address how they integrate the following subsystem elements, which are described in further detail below: 1) Governance and Management Subsystem; 2) Observing Subsystem; 3) Data Management and Communications (DMAC) Subsystem; 4) Modeling and Analysis Subsystem; and 5) Outreach and Education in the management and operation of the regional coastal ocean observing system. Applicants should demonstrate in their proposals how they would successfully collaborate inter-regionally, intra-regionally and nationally, to include such activities as sharing data and information, coordinating on model development and application, etc. And for topic area 2, NOAA is inviting proposals for five-year funding to continue progress in the area of verification and validation of observing technologies for studying and monitoring coastal and ocean environments. NOAA will consider proposals that build upon previous efforts and demonstrate extensive and close coordination with the RAs, IOOS federal and non-federal partners, and the U.S. IOOS Program to establish priorities for and to plan and implement the testing and evaluation of ocean observing sensors. NOAA anticipates making one award for this activity in an amount ranging from \$1,000,000 to \$3,000,000 per year, subject to the availability of funds.

**Program POC:** Dave Easter, US IOOS Program 1100 Wayne Avenue Suite 1225 Silver Spring, MD 20910 301-427-2451 ; dave.easter@noaa.gov

**Further Information:** [http://www.ioos.noaa.gov/funding/noaa-nos-ioos-2016-2004378\\_ffo\\_final.pdf](http://www.ioos.noaa.gov/funding/noaa-nos-ioos-2016-2004378_ffo_final.pdf)

**How to Apply:** The full funding opportunity announcement and application materials are available online at <http://www.grants.gov>. If an applicant does not have Internet access, application packages can be requested from Dave Easter, U.S. IOOS Program; 1100 Wayne Avenue, Suite 1225, Silver Spring, Maryland 20910; or by phone at 301-427-2451, or by fax 301-427-2073, or via e-mail at Dave.Easter@noaa.gov. NOAA will not review applications that do not include all required documentation and information as listed in the NOFA on page 16. And NOAA will not review applications that do not include all required documentation and information as listed in the NOFA starting on page 16.

**Authorization:** The Integrated Coastal and Ocean Observation System Act of 2009, 33 U.S.C 3601-3610.

# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## CAPITAL CONSTRUCTION FUND FOR FISHING VESSELS

**Category:** Environmental/Maritime

**Funding Method:** Tax deferral

**Purpose:** To assist with recapitalization of the U.S. Fishing Fleet and support the U.S. shipbuilding industry.

**Who is Eligible:** U.S. Fishermen, fishing companies.

**Eligibility Criteria:** An eligible project includes the replacement of a vessel or the rehabilitation of an existing vessel. (A CCF account may not be used to increase fishing capacity.) When the funds are used for an eligible project, the depreciable basis of that project is reduced by the tax deferral, thus assuring the eventual taxation of the benefit.

**Program POC:** Paul Marx, Financial Services Division, National Marine Fisheries Service (paul.marx@noaa.gov, 301-427-8771)

**Further Information:** [http://www.nmfs.noaa.gov/mb/financial\\_services/CCF%20forms/ccf\\_brochure.pdf](http://www.nmfs.noaa.gov/mb/financial_services/CCF%20forms/ccf_brochure.pdf)

**How to Apply:** Applicants must contact the Program Manager to discuss required submission materials. Also, applicants must open an account via an agreement with NOAA to shelter operating profits from taxation. The funds deposited in these accounts can be used within ten years for an eligible project.

**Authorization:** Shipping Act of 1998

# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## 2015 SPECIAL PROJECTS COMPETITIVE FUNDING ANNOUNCEMENT - CONFS & WORKSHOPS

**Category:** Education/Maritime

**Funding Method:** Grant/Cost-Match

**Purpose:** To support proposals for conferences or workshops addressing regional or national issues and with regional or national participation.

**Who is Eligible:** This competition is only open to Sea Grant Programs, the National Sea Grant Library, and the National Sea Grant Law Center. Applications from multiple Sea Grant Programs are acceptable, but must have a single lead Sea Grant Program who submits the application, and cannot request more than \$20,000 in total.

**Eligibility Criteria:** It is a programmatic priority that if multiple applications are selected, an attempt will be made to distribute selected applications broadly across the four focus areas (depending on the number, size, quality, and goals addressed in the applications received). It is also a programmatic priority that an attempt will be made to fund some work that reflects the value of Sea Grant's integrated approach to research, extension and education (again, depending on the applications received). Also, applications should request no more than \$20,000 in federal funds to be considered for this funding opportunity. Non-federal matching funds of at least 50 percent of the federal request must be included in the application.

**Program POC:** [oar.hq.sg.competitions@noaa.gov](mailto:oar.hq.sg.competitions@noaa.gov)

**Further Information:** [http://seagrants.noaa.gov/FundingFellowships/NationalStrategicInvestments\(NSIs\)/SpecialProjects/ConferencesWorkshops.aspx](http://seagrants.noaa.gov/FundingFellowships/NationalStrategicInvestments(NSIs)/SpecialProjects/ConferencesWorkshops.aspx)

**How to Apply:** Applications must be submitted on [grants.gov](http://grants.gov) to Federal Funding Opportunity NOAA-OAR-SG-2014- 2004033, Special Project "F", no later than 11:59 PM Eastern Time on June 15, 2015.

**Authorization:**

# DOC/NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

## FY 2014 - 2015 BROAD AGENCY ANNOUNCEMENT (BAA)

**Category:** Environmental/Maritime

**Funding Method:** Cooperative Agreement/Grant

**Purpose:** To request applications for special projects and programs associated with NOAA's strategic plan and mission goals, as well as to provide the general public with information and guidelines on how NOAA will select proposals and administer discretionary Federal assistance under this Broad Agency Announcement (BAA). This BAA is a mechanism to encourage research, education and outreach, innovative projects, or sponsorships that are not addressed through our competitive discretionary programs. It is not a mechanism for awarding congressionally directed funds or existing funded awards.

**Who is Eligible:** Eligible applicants may be institutions of higher education, nonprofits, commercial organizations, international or foreign organizations or governments, individuals, state, local and Indian Tribal governments. Eligibility also depends on the statutory authority that permits NOAA to fund the proposed activity. Refer to the CFDA to determine an applicant's eligibility. If the applicant is a university that has a NOAA Joint or Cooperative Institute (CI), the institution is encouraged to submit an application that will be associated with the CI. The application must specify the name of the CI, its most recent award number, and the NOAA-approved research theme applicable to the work to be performed in the project narrative. The application will use the facilities and administrative rate (F&A or Indirect Cost Rate) associated with most recent CI award.

**Eligibility Criteria:** Projects for which applications are submitted should be consistent with Agency missions and goals including: 1. Long-term mission goal: Climate Adaptation and Mitigation (An informed society anticipating and responding to climate and its impacts.); 2. Long-term mission goal: Weather-Ready Nation (Society is prepared for and responds to weather-related events); 3. Long-term mission goal: Healthy Oceans (Marine fisheries, habitats, and biodiversity sustained within healthy and productive ecosystem); and 4. Long-term Mission goal: Resilient Coastal Communities and Economies (Coastal and Great Lakes communities are environmentally and economically sustainable).

**Program POC:** Michele Pollard, Michele.Pollard@noaa.gov, 301-713-0926

**Further Information:** <http://www.grants.gov/web/grants/search-grants.html?keywords=NOAA-NFA-NFAPO-2014-2003949>

**How to Apply:** Electronic application packages are available through grants.gov and can be searched for using Funding Opportunity Number NOAA-NFA-NFAPO-2014-2003949. Grants.gov requires applicants to register prior to submitting an application. Applicants must also register with System for Award Management (SAM). These registration processes can take several weeks and involve multiple steps. To allow sufficient time for these processes, applicants should register as soon as they decide to apply even if they are not ready to submit their proposal. See the NOFA for additional information, including required information.

**Authorization:** 15 U.S.C. 1540; 15 U.S.C. 2901 et. seq.; 16 U.S.C. 661; 16 U.S.C. 1456c; 33 U.S.C. 883a-d; 33 USC 893a; 33 U.S.C. 1442; 49 U.S.C. 44720(b).

# DOC/SMALL BUSINESS ADMINISTRATION

## BUSINESS DISASTER LOANS

*Category:* Resilience

*Funding Method:* Loan

**Purpose:** To repair and rebuild non-farm, private sector disaster losses. (The disaster loan program is the only form of SBA assistance not limited to small businesses.)

**Who is Eligible:** Businesses and private non-profit organizations

**Eligibility Criteria:** To qualify for this benefit program, your business or private non-profit organization must have sustained physical damage and be located in a disaster declared county.

**Program POC:** Michael Lampton, 404-331-0333 x2177, Michael.Lampton@sba.gov

**Further Information:** <http://www.disasterassistance.gov/get-assistance/forms-of-assistance/4479/0/D05>

**How to Apply:** Apply online for disaster loan assistance at your own convenience through SBA's secure website. You may also send completed applications to: Processing and Disbursement Center, 14925 Kingsport Road, Fort Worth, Texas 76155. Disaster victims can also apply in person at any FEMA-State Disaster Recovery Center, SBA Disaster Loan Outreach Center or SBA Business Recovery Center and receive personal, one-on-one help from an SBA representative. To find a location near you or help applying by mail, please contact our Customer Service Center at 1-800-659-2955 or by e-mail at DisasterCustomerService@sba.gov.

**Authorization:**

# DOC/SMALL BUSINESS ADMINISTRATION

## GENERAL SMALL BUSINESS LOANS (7A)

**Category:** Resilience

**Funding Method:** Loan

**Purpose:** To help start-up and existing small businesses with financing guaranteed for a variety of general business purposes. See the website for more information on the different types of SBA Small Business Loans (7A).

**Who is Eligible:** To be eligible for assistance, businesses must: • Operate for profit; • Be small, as defined by SBA; • Be engaged in, or propose to do business in, the United States or its possessions; • Have reasonable invested equity; • Use alternative financial resources, including personal assets, before seeking financial assistance; • Be able to demonstrate a need for the loan proceeds; • Use the funds for a sound business purpose; and • Not be delinquent on any existing debt obligations to the U.S. government. There are also ineligible businesses and special considerations listed under <https://www.sba.gov/content/7a-loan-program-eligibility>.

**Eligibility Criteria:** Basic uses for 7(a) loan proceeds include: • To provide long-term working capital to use to pay operational expenses, accounts payable and/or to purchase inventory; • Short-term working capital needs, including seasonal financing, contract performance, construction financing and exporting; • Revolving funds based on the value of existing inventory and receivables, under special conditions; • To purchase equipment, machinery, furniture, fixtures, supplies or materials; • To purchase real estate, including land and buildings • To construct a new building or renovate an existing building; • To establish a new business or assist in the acquisition, operation or expansion of an existing business; and • To refinance existing business debt, under certain conditions. Further, non-allowed uses are listed under <https://www.sba.gov/content/use-7a-loan-proceeds>.

<b>Program POC:</b>	disastercustomerservice@sba.gov
<b>Further Information:</b>	<a href="https://www.sba.gov/7a-loan-program">https://www.sba.gov/7a-loan-program</a>
<b>How to Apply:</b>	The SBA does not provide direct loans. The process starts with your local lender, working within SBA guidelines. Once your loan package is complete, your lender will submit it to the SBA. The checklist includes: 1.) SBA Loan Application. Borrower Information Form - SBA Form 1919; 2.) Personal Background and Financial Statement including •Statement of Personal History - SBA Form 912 (Personal Financial Statement - SBA Form 413); 3.) Business Financial Statements including the following financial statements: • Profit and Loss (P&L) Statement (current within 90 days of application) including supplementary schedules from the last three fiscal years. • Projected Financial Statements; 4.) Ownership and Affiliations; 5.) Business Certificate/License; 6.) Loan Application History; 7.) Income Tax Returns; 8.) Résumés for each corporate principal; 9.) Business Overview and History; 10.) Business Lease; And 11.) If You are Purchasing an Existing Business:• Current balance sheet and P&L statement of business to be purchased; • Previous two years federal income tax returns of the business • Proposed Bill of Sale including Terms of Sale; and • Asking price with schedule of inventory, machinery and equipment, furniture and fixtures.
<b>Authorization:</b>	Small Business Act



# DOC/SMALL BUSINESS ADMINISTRATION

## REAL ESTATE & EQUIPMENT LOANS (CDC/504)

**Category:** Resilience

**Funding Method:** Loan

**Purpose:** To provide financing for major fixed assets such as equipment or real estate.

**Who is Eligible:** The types of businesses that are eligible for financial assistance from the SBA, must: • Operate for profit; • Be engaged in, or propose to do business in, the United States or its possessions; • Have reasonable owner equity to invest; and • Use alternative financial resources, including personal assets, before seeking financial assistance. See <https://www.sba.gov/content/sba-financial-assistance-eligibility> for special considerations.

**Eligibility Criteria:** To be considered for Certified Development Company(CDC)/504 loan, applicants must meet these eligibility requirements: • Operate as a for-profit company. • Do business (or propose to) in the U.S. or its possessions. • Have a tangible net worth less than \$15 million and an average net income less than \$5.0 million after taxes for the preceding two years; • Loans cannot be made to businesses engaged in speculation or investment in rental real estate. • Be an eligible type of business. • Under the 504 Program, plan to use proceeds for an approved purpose. CDC/504 loan proceeds may be used for the financing of fixed assets like real estate or equipment. • Not have funds available from other sources. • Ability to repay the loan on time from the projected operating cash flow of the business. • Good character. SBA obtains a "Statement of Personal History" from the principals of each applicant firm to determine if they have historically shown the willingness and ability to pay their debts and whether they have abided by the laws of their community. • Relevant management expertise. • Feasible business plan. Also, note that a 504 loan can be used for: • The purchase of land, including existing buildings. • The purchase of improvements, including grading, street improvements, utilities, parking lots and landscaping. • The construction of new facilities or modernizing, renovating or converting existing facilities. • The purchase of long-term machinery and equipment. Finally, a 504 loan cannot be used for: • Working capital or inventory; • Consolidating, repaying or refinancing debt; and • Speculation or investment in rental real estate .

**Program POC:** For the nearest Certified Dev. Co., enter your zip code in our Local Assistance tool (<https://www.sba.gov/content/cdc504-loan-program-find-cdc>).

**Further Information:** <https://www.sba.gov/category/navigation-structure/loans-grants/small-business-loans/sba-loan-programs/real-estate-and-eq>

**How to Apply:** The SBA does not provide direct loans. The process starts with your local lender, working within SBA guidelines. Once your loan package is complete, your lender will submit it to the SBA. The checklist includes: 1.) SBA Loan Application. Borrower Information Form - SBA Form 1919; 2.) Personal Background and Financial Statement including •Statement of Personal History - SBA Form 912 (Personal Financial Statement - SBA Form 413); 3.) Business Financial Statements including the following financial statements: • Profit and Loss (P&L) Statement (current within 90 days of application) including supplementary schedules from the last three fiscal years. • Projected Financial Statements; 4.) Ownership and Affiliations; 5.) Business Certificate/License; 6.) Loan Application History; 7.) Income Tax Returns; 8.) Résumés for each corporate principal; 9.) Business Overview and History; 10.) Business Lease; And 11.) If You are Purchasing an Existing Business:• Current balance sheet and P&L statement of business to be purchased; • Previous two years federal income tax returns of the business • Proposed Bill of Sale including Terms of Sale; and • Asking price with schedule of inventory, machinery and equipment, furniture and fixtures.

**Authorization:**

# DOD/U.S. ARMY CORPS OF ENGINEERS

## PORTS & WATERWAYS CONSTRUCTION

**Category:** Navigation/Maritime

**Funding Method:** Direct Congressional appropriation w/local match

**Purpose:** To provide technical planning, engineering, design, and project management expertise for construction projects, to address critical water resource issues, including navigation, flood mitigation, environmental restoration, hydropower & water supply, and other authorized purposes on the Mississippi River and its tributaries.

**Who is Eligible:** Local, regional or state public agencies with taxing/bonding authority

**Eligibility Criteria:** New construction projects for navigation and flood control must be authorized for and appropriated for study. A signed Chief's Report is then submitted to Congress for authorization and appropriation for construction.

**Program POC:** Local USACE District

**Further Information:** <http://www.usace.army.mil/Missions/CivilWorks.aspx>

**How to Apply:** Once a problem has been identified, the non-Federal government proponent must work with local USACE District staff.

**Authorization:** Annual Appropriations Bills (Project specific authorizations)

# DOD/U.S. ARMY CORPS OF ENGINEERS (ERDC)

## 2015 BROAD AGENCY ANNOUNCEMENT

**Category:** Port/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To conduct research in hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, and other various related processes.

**Who is Eligible:** Public entities (excluding U. S. Government facilities and organizations), non-profits, and educational institutions. Proposals are encouraged from Historically Black Colleges and Universities or Minority Institutions (HBCUs/MIs) for students to provide research support to any of the research and development areas listed in this BAA.

**Eligibility Criteria:** Being a BAA, the eligibility of projects is comprehensive. See the NOFA for further clarification. Yet it should be noted that proposals for conference support should be submitted a minimum of six (6) months prior to the date of the conference. The technical portion of a proposal for support of a conference or symposium should include: a. A one page or less summary indicating the objectives of the project. b. The topics to be covered. c. The location and probable date(s) and why the conference is considered appropriate at the time specified. d. An explanation of how the conference will relate to the research interests of the ERDC and how it will contribute to the enhancement and improvement of scientific, engineering, and/or educational activities as outlined in the BAA. e. The name of chairperson(s)/principal investigator(s) and his/her biographical information. f. A list of proposed participants and the methods of announcement or invitation. And g. A summary of how the results of the meeting will be disseminated.

**Program POC:** For CHL, EL, GRL, GSL & ITL, contact Derek Howard (601-634-3310). For other program aspects, contact the respective POCs.

**Further Information:** [www.erdcl.usace.army.mil/Portals/55/docs/W912HZ13BAA01.pdf](http://www.erdcl.usace.army.mil/Portals/55/docs/W912HZ13BAA01.pdf)

**How to Apply:** Proposers must have a DUNS number and submit a pre-proposal which will include an Executive Summary prepared by the offerer (one page only), where the pre-proposal will not exceed five pages. Upon receipt, the ERDC staff will perform an initial review and current availability of funding. As prescribed in FAR 35.016(a), proposed efforts shall focus on supporting ERDC's requirements for scientific study and experimentation toward advancing the state-of-the-art or increasing knowledge, rather than focusing on a specific solution. Offerers' pre-proposals receiving favorable review will be encouraged to submit a detailed full proposal (in the format outlined in Part III) of the NOFA. And proposals should be submitted with a completed Attachment C, as stated in paragraph A of this Section 2, and also a signed and dated SF-33. For grants and cooperative agreements, use the SF-424 located at [http://apply07.grants.gov/apply/forms/sample/SF424\\_2\\_1-V2.1.pdf](http://apply07.grants.gov/apply/forms/sample/SF424_2_1-V2.1.pdf). See the NOFA for more information including the contents of the Pre-Proposals and Proposals.

**Authorization:** Water Resources Reform and Development Act, 2014

# DOD/U.S. ARMY CORPS OF ENGINEERS (ERDC)

## USACE CONTINUING AUTHORITIES PROGRAM

**Category:** Community/Maritime

**Funding Method:** Project Development/Cost Share

**Purpose:** To plan and implement projects of limited size, cost, scope and complexity.

**Who is Eligible:** State, local government and Tribal officials

**Eligibility Criteria:**

The CAP is a group of nine legislative authorities under which the Corps of Engineers can plan, design, and implement certain types of water resources projects without additional project specific congressional authorization. All projects in this program include a feasibility phase and an implementation phase. Planning activities, such as development of alternative plans to achieve the project goals, initial design and cost estimating, environmental analyses, and real estate evaluations, are performed during the feasibility phase, to develop enough information to decide whether to implement the project. The feasibility phase is initially Federally funded up to \$100,000. Any remaining feasibility phase costs are shared 50/50 with the non-Federal sponsor after executing a feasibility cost sharing agreement (FCSA). The final design, preparation of contract plans and specifications, permitting, real estate acquisition, project contracting and construction, and any other activities required to construct or implement the approved project are completed during the implementation phase. The Corps and the non-federal sponsor sign a project partnership agreement (PPA) near the beginning of the implementation phase. Costs beyond the feasibility phase are shared as specified in the authorizing legislation for that section.

<b>Program POC:</b>	US Army Corps of Engineers - District Office Program Manager
<b>Further Information:</b>	<a href="http://planning.usace.army.mil/toolbox/agree.cfm?Id=229&amp;Option=Continuing%20Authorities%20Program%20(CAP)&amp;List=Process">http://planning.usace.army.mil/toolbox/agree.cfm?Id=229&amp;Option=Continuing%20Authorities%20Program%20(CAP)&amp;List=Process</a>
<b>How to Apply:</b>	You can begin by reviewing the USACE website <a href="http://planning.usace.army.mil/toolbox/agree.cfm?Id=229&amp;Option=Continuing%20Authorities%20Program%20(CAP)&amp;List=Process">http://planning.usace.army.mil/toolbox/agree.cfm?Id=229&amp;Option=Continuing%20Authorities%20Program%20(CAP)&amp;List=Process</a> . The authorities include: • Section 14 - Emergency Stream bank and Shoreline Protection, • Section 103 - Beach Restoration and Shoreline Protection, • Section 107 - Small Navigation Projects, • Section 111 - Mitigation of Shoreline Erosion Damage, • Section 204 - Regional Sediment Management, • Section 205 - Flood Risk Management, • Section 206 - Aquatic Ecosystem Restoration, and • Section 1135 - Modifications to Projects for Improvement of the Environment.
<b>Authorization:</b>	Each specific Continuing Authority is authorized under separate authorization bills, such as Flood Control Act of 1948, or Water Resource and Develo

# DOD/U.S. ARMY CORPS OF ENGINEERS (ERDC)

## USACE PLANNING ASSISTANCE TO STATES PROGRAM

**Category:** Community/Maritime

**Funding Method:** Technical Assistance

**Purpose:** To assist the States, local governments, Native American Tribes and other non-Federal entities, in the preparation of comprehensive plans for the development and conservation of water and related land resources.

**Who is Eligible:** State, local government and Tribal officials

**Eligibility Criteria:** The program can encompass many types of studies, addressing water resources issues. Types of studies conducted in recent years under the program include the following: • Water Supply and Demand Studies, • Water Quality Studies, • Environmental Conservation/Restoration Studies, • Wetlands Evaluation Studies, • Dam Safety/Failure Studies, • Flood Risk Management Studies • Flood Plain Management Studies, • Coastal Zone Management/Protection Studies, and • Harbor/Port Studies.

**Program POC:** US Army Corps of Engineers - District Office Program Manager

**Further Information:** [http://www.iwr.usace.army.mil/Portals/70/docs/frmp/PAS\\_Factsheet\\_13SEP12.pdf](http://www.iwr.usace.army.mil/Portals/70/docs/frmp/PAS_Factsheet_13SEP12.pdf)

**How to Apply:** State, local government and Tribal officials who are interested in obtaining planning assistance under this Program can contact the appropriate USACE office for further details. Alternatively, interested parties can contact the appropriate State or Tribal Planning Assistance to States coordinator to request assistance. In either case, USACE will coordinate all requests for assistance with the State or Tribal Planning Assistance to States coordinator to ensure that studies are initiated on State or Tribal prioritized needs

**Authorization:** Water Resources Development Act (WRDA) of 1974, Section 22

# DOD/U.S. ARMY CORPS OF ENGINEERS (ERDC)

## USACE FLOODPLAIN MANAGEMENT SERVICES

**Category:** Community/Maritime

**Funding Method:** Technical Assistance

**Purpose:** To support effective flood plain management.

**Who is Eligible:** Upon request, program services are provided to State, regional, and local governments, Indian Tribes, and other non-Federal public agencies without charge. State, regional, local government, non Federal public agencies and Tribes can request activities/assistance under this program and provide voluntary funding. For most of these requests, payment is required before services are provided. Letter requests or signed agreements are used.

**Eligibility Criteria:** General technical assistance efforts under this program includes determining: 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. Types of studies have been conducted under the FPMS program include: flood plain delineation/hazard, dam failure analyses, hurricane evacuation, flood warning, floodway, flood damage reduction, stormwater management, flood proofing, and inventories of flood prone structures.

<b>Program POC:</b>	US Army Corps of Engineers - District Office Program Manager
<b>Further Information:</b>	<a href="http://www.iwr.usace.army.mil/Portals/70/docs/frmp/FPMS_Factsheet_13SEP2012.pdf">http://www.iwr.usace.army.mil/Portals/70/docs/frmp/FPMS_Factsheet_13SEP2012.pdf</a>
<b>How to Apply:</b>	Agencies, governments, organizations, and individuals interested in flood-related information or assistance should contact the appropriate Corps office. Information that is readily available will be provided in response to a telephone request. A letter request is required for assistance that involves developing new data, making a map, or preparing a report.
<b>Authorization:</b>	1960 Flood Control Act (PL 86-645), Section 206

# DOI/NATIONAL PARK SERVICE

## MARITIME HERITAGE GRANTS

**Category:** Education/Maritime

**Funding Method:** Grant/Cost-Match

**Purpose:** The National Maritime Heritage Grants Program (Grants Program) is established to help State and local governments and private nonprofit organizations preserve and interpret their maritime heritage. It is a national, competitive matching grants program which provides funds for Maritime Heritage Education Projects and Maritime Heritage Preservation Projects designed to reach a broad audience and enhance public awareness and appreciation for the maritime heritage of the United States.

**Who is Eligible:** Any unit of a state, federally recognized tribal, or local government or a private non-profit organization with 501(c)(3) status may apply for grants to support their maritime heritage education or preservation activities.

**Eligibility Criteria:** To be eligible for a grant, at a minimum, applicants must demonstrate that the project has the potential for reaching a broad audience; match the requested grant amount on a 1-to-1 basis with nonfederal assets from non-federal sources, which include cash or in-kind services fairly valued; maintain and allow access to records which will allow for an effective accounting of project funds and any required audits, including the amount and disposition of the proceeds of the grant and the total cost of the project. Further, project grants are administered through the Maritime Heritage Program and State Historic Preservation Offices (SHPOs).

**Program POC:** Kelly Spradley-Kurowski, Historian and Grants Manager; 202-354-2266; [kelly\\_spradley-kurowski@nps.gov](mailto:kelly_spradley-kurowski@nps.gov)

**Further Information:** <http://www.nps.gov/maritime/grants/apply.htm>

**How to Apply:** Applicants must submit their complete application packages through the grants.gov website. You can register at <http://www.grants.gov/web/grants/applicants/apply-for-grants.html> several days before submitting your application. Also, form SF-424 and its attachments are required to be completed for all Federal grant programs. The Maritime Heritage Grant application, with supporting documentation, is specific to this NPS program. Other means of submittal will not be accepted. And it is essential that you consult with your State Historic Preservation Officer (SHPO)/Tribal Historic Preservation Officer (THPO) early in the application process to determine whether it will be necessary to initiate Section 106 Compliance before submitting the application package. For more information about Section 106, refer to the information under "Grant requirements" on the Maritime Heritage Program Grants website. The NPS and SHPOs/THPOs will assist applicants with Section 106 requirements if applicable. For projects in Hawaii, please also contact the Office of Hawaiian Affairs for a list of Native Hawaiian Organizations that may need to be notified of projects that could affect historic properties.

**Authorization:** Amounts for the program are derived from the proceeds of disposed obsolete vessels of the National Defense Reserve Fleet; funds accrued by the Marit



# DOI/U.S. FISH & WILDLIFE SERVICE

## THE COASTAL PROGRAM

**Category:** Environmental/Maritime

**Funding Method:** Cooperative Agreement

**Purpose:** To restore and protect fish and wildlife habitat on public and private lands.

**Who is Eligible:** County governments; for-profit organizations other than small businesses; public and state-controlled institutions of higher education; Special district governments; city or township governments; individuals; private institutions of higher education; small businesses; state governments; Native American tribal organizations (other than Federally recognized tribal governments); Native American tribal governments (Federally recognized); non-profits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education; and non-profits having a 501(c)(3) status with the IRS, other than institutions of higher education

**Eligibility Criteria:** The Coastal Program actively identifies potential projects throughout the federal fiscal year (October 1 – September 30). Coastal Program staff work collaboratively with potential applicants to identify common habitat conservation priorities. We strongly suggest that all potential applicants work with the local Coastal Program staff to ensure that their project meets the project selection criteria. Projects are considered for funding throughout the year, depending on the availability of funds.

**Program POC:** Chris Darnell, 703-358-2236, [Chris\\_Darnell@fws.gov](mailto:Chris_Darnell@fws.gov).

**Further Information:** [http://www.grants.gov/web/grants/search-grants.html?keywords=the coastal program](http://www.grants.gov/web/grants/search-grants.html?keywords=the%20coastal%20program)

**How to Apply:** Potential applicants should contact their local or regional Coastal Program Office before applying. The Coastal Program maintains 24 offices nationwide. Contact information for Coastal Program offices can be found at the program website: [www.fws.gov/coastal](http://www.fws.gov/coastal). Applications must submit a signed and dated SF 424-Application for Federal Assistance; SF-424A Budget Information form; if federally funded equipment will be used for the project, a list of that equipment as described in section D above; if indirect costs are included in proposed budget, a copy of the organization's current approved indirect cost rate agreement or proposal; signed and dated SF-424B Assurances form; if applicable, completed SF-LLL form; and statement regarding applicability of and compliance with OMB Circular A-133 Single Audit Reporting as described in section G above.

**Authorization:** Coastal Zone Management Act (CZMA) of 1972

# DOI/U.S. FISH & WILDLIFE SERVICE

## COOPERATIVE ENGANGERED SPECIES CONSERVATION FUND

**Category:** Resilience

**Funding Method:** Grant/Cost-Match

**Purpose:** To participate in a wide array of voluntary conservation projects for candidate, proposed, and listed species. The program provides funding to states and territories for species and habitat conservation actions on non-federal lands.

**Who is Eligible:** State and Territories

**Eligibility Criteria:** States and Territories must contribute a minimum non-Federal match of 25% of the estimated program costs of approved projects, or 10% when two or more States or Territories implement a joint project. A State or Territory must currently have, or enter into, a cooperative agreement with the Secretary of the Interior to receive grants. Most States and Territories have entered into these agreements for both plant and animal species .

**Program POC:** Kelly Niland, 703-358-2492 Kelly\_Niland@fws.gov

**Further Information:** [http://www.fws.gov/endangered/esa-library/pdf/Section6\\_grants.pdf](http://www.fws.gov/endangered/esa-library/pdf/Section6_grants.pdf)

**How to Apply:** For more information on how to apply for Federal grants to assist States, Territories, and landowners in conserving species on non-Federal lands, please contact the FWS Regional office from the list below with responsibility for the State or Territory in which the proposed project would occur.

**Authorization:** Endangered Species Act, 1973 (as amended 1978, 1982, 1988, and 2004)

# DOI/U.S. FISH & WILDLIFE SERVICE

## COASTAL IMPACT ASSISTANCE PROGRAM

**Category:** Environmental/Maritime

**Funding Method:** Grant

**Purpose:** To conserve, restore or protect coastal areas including wetlands; mitigation of damage to fish, wildlife, or natural resources; planning assistance and the administrative costs of complying with these objectives; implementation of a federally-approved marine, coastal, or comprehensive conservation management plan; and mitigation of the impact of outer Continental Shelf activities through funding of onshore infrastructure projects and public service needs.

**Who is Eligible:** States eligible for CIAP funding are: Alabama, Alaska, California, Louisiana, Mississippi, and Texas. Also eligible to apply for and receive CIAP funds are 67 coastal political subdivisions in the six states.

**Eligibility  
Criteria:**

Statewide CIAP plans that include proposed projects have been prepared by the affected states: Alabama, Alaska, California, Louisiana, Mississippi and Texas. The federally approved CIAP plans have also been coordinated through a public review process. And Federal grant funds must be used to directly benefit an authorized use to conserve, restore, enhance, and protect renewable natural resources. Non-federal matching funds are not required for approved grant projects associated with this federal grant program.

**Program POC:** Randy Bowman, Randal.Bowman@ios.doi.gov

**Further Information:** <http://wsfrprograms.fws.gov/Subpages/GrantPrograms/CIAP/CIAP.htm>

**How to Apply:** Applications should be submitted through Grants.gov. Applications must include a complete, signed and dated SF 424-Application for Federal Assistance; project summary and narrative text and attachments; a complete SF-424A Budget Information form; if Federally funded equipment will be used for the project, a list of that equipment as described in section D above; if indirect costs are included in proposed budget, a copy of the organization's current approved indirect cost rate agreement or proposal; signed and dated SF-424B Assurances form; if applicable, completed SF-LLL form; and statement regarding applicability of and compliance with OMB Circular A-133 Single Audit Reporting as described in section G above. See the NOFA for more information on the project summary and narrative.

**Authorization:** Outer Continental Shelf (OCS) Lands Act, as amended; 31 U.S.C. 6301-6305

# DOI/U.S. FISH & WILDLIFE SERVICE

## NATIONAL COASTAL WETLAND CONSERVATION GRANT PROGRAM

**Category:** Environmental/Maritime

**Funding Method:** Grant/Cost-Match

**Purpose:** The primary goal of the NCWCGP is the long-term conservation of coastal wetland ecosystems.

**Who is Eligible:** Eligible applicants are state agencies or entities designated by the Governor of a coastal State - usually a state natural resource or fish and wildlife agency. If your agency is uncertain of its eligibility, contact the Regional Service Wildlife and Sport Fish Restoration (WSFR) Office (see section VIII., Agency Contacts). The Regional WSFR Offices maintain the list of designated agencies in each coastal State in the Region. Under the Coastal Wetlands Planning, Protection, and Restoration Act (16 U.S.C 3955 (b)(1)), all coastal states and U.S. Territories are eligible with the exception of Louisiana, which has a companion grant program exclusively for Louisiana.

**Eligibility Criteria:** Eligible grant activities include: 1. Acquisition of a real property interest in coastal lands or waters from willing sellers or partners (coastal wetlands ecosystems), providing that the terms and conditions will ensure the real property will be administered for long-term conservation. 2. The restoration, enhancement, or management of coastal wetlands ecosystems, providing restoration, enhancement, or management will be administered for long-term conservation. Also, ineligible activities include but are not limited to: 1. Projects that primarily benefit navigation, irrigation, flood control, or mariculture; 2. Acquisition, restoration, enhancement or management of lands to mitigate habitat losses; 3. Creation of wetlands where wetlands did not previously exist; 4. Enforcement of fish and wildlife laws and regulations, except when necessary for the accomplishment of approved project purposes; 5. Research; 6. Planning as a primary project focus; 7. Operations and maintenance, including long-term invasive species management; 8. Acquisition and/or restoration of upper portions of watersheds where benefits to the coastal wetlands ecosystem are not significant and direct; and 9. Projects providing less than 20 years of conservation benefits. Finally, any proposed walkways, viewing platforms, or other recreation-related project components must contribute to the project objectives and the long-term conservation of the coastal wetlands ecosystems. Costs unrelated to protection and restoration of the site must be limited to 10 percent of the NCWCGP Federal Share and the required match. Planning, design, and monitoring costs are not included in the 10 percent limit but should be reasonable and necessary to completing the project objectives.

**Program POC:** Chris Darnell, 703-358-2236, [chris\\_darnell@fws.gov](mailto:chris_darnell@fws.gov); or Christina Milloy, 703-862-5761, [christina\\_milloy@fws.gov](mailto:christina_milloy@fws.gov).

**Further Information:** [http://www.fws.gov/coastal/coastalgrants/pdfs/2016NCWCGP\\_NOFO.pdf](http://www.fws.gov/coastal/coastalgrants/pdfs/2016NCWCGP_NOFO.pdf)

**How to Apply:** Potential applicant should consult the current year Notice of Funding Opportunity (NOFO) before applying. The NOFO can be found at [www.fws.gov/coastal/coastalgrants](http://www.fws.gov/coastal/coastalgrants). Applications must include the following: (1) An Application for Federal Assistance (Standard Form 424); (2) A project proposal that includes statements of need and objective(s); a description of expected results or benefits; the approach to be used, such as procedures, schedules, key personnel and cooperators, location of the proposed action, and estimated costs to accomplish the objective(s); identification of any other actions that may relate to the grant; and a description of public involvement and interagency coordination; (3) Discussion of ranking criteria; (4) Assurances of compliance with all applicable Federal laws, regulations, and policies (SF 424B or SF 424D); and (5) Supporting documents such as maps, photos, and partner letters committing to match.

**Authorization:** Coastal Wetlands Planning, Protection, and Restoration Act (Section 305, Title III, Public Law 101-646, 16 U.S.C. 3954)

# DOI/U.S. FISH & WILDLIFE SERVICE

## COASTAL PROGRAM - GREAT LAKES RESTORATION INITIATIVE

**Category:** Environmental/Maritime

**Funding Method:** Technical Assistance

**Purpose:** To provide technical and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands.

**Who is Eligible:** Eligible applicants for this competition include small businesses, Native American tribal organizations (other than Federally recognized tribal governments), nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education, nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, city or township governments, special district governments, private institutions of higher education, individuals, state governments, county governments, public and State controlled institutions of higher education, Native American tribal governments (Federally recognized), public housing authorities/Indian housing authorities, for profit organizations other than small businesses, and independent school districts.

**Eligibility Criteria:** The Coastal Program is not a conventional grants program, in that it does not solicit projects through a request for proposals. Instead, projects are developed strategically, in coordination with partners, and with substantial involvement from U.S. Fish and Wildlife Service (Service) field biologists. The Coastal Program - Great Lakes Restoration Initiative funding is available to coastal areas within the U.S. portion of the Great Lakes basin which includes parts of Michigan, Wisconsin, Minnesota, Illinois, Indiana, Ohio, Pennsylvania, and New York. Substantial involvement on the part of the Service is anticipated for the successful completion of the activities to be funded. In particular, the Service will be/expects to be responsible for the following: Service biologists will be directly involved in developing and implementing projects with partners. This could include helping plan and implement specific project activities, completing permitting and other environmental compliance, working with contractors and partners in implementing on-the-ground actions, and coordinating/facilitating meetings.

<b>Program POC:</b>	Christie Deloria, christie_deloria@fws.gov, (906) 226-1240
<b>Further Information:</b>	<a href="http://www.fws.gov/glri/">http://www.fws.gov/glri/</a>
<b>How to Apply:</b>	Applicants must be registered with Grants.gov. The announcement, evaluation criteria, application instructions, can be found at <a href="http://www.grants.gov/web/grants/search-grants.html?keywords=coastal%20marine">http://www.grants.gov/web/grants/search-grants.html?keywords=coastal marine</a> . Also, Federal law mandates that all entities applying for Federal financial assistance must have a valid Dun & Bradstreet Data Universal Number System (DUNS) number and have a current registration in the System for Award Management (SAM). See Title 20 of the Code of Federal Regulations (CFR), Part 25 for more information. Exemptions: The SAM registration requirement does not apply to individuals submitting an application on their own behalf and not on behalf of a company or other for-profit entity, state, local or Tribal government, academia or other type of organization.
<b>Authorization:</b>	Clean Water Act; and FY2010, 11, 12 & 13 Appropriations Legislation

# DOI/U.S. FISH & WILDLIFE SERVICE

## RECOVERY IMPLEMENTATION FUND

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** To secure information about endangered, threatened or candidate species, to aid in the recovery of these species, to avert listing of species pursuant to the Endangered Species Act, and to help conserve the ecosystems upon which these species depend.

**Who is Eligible:** State and local governments/agencies; institutions of higher education; non-profits that have a 501(c)(3) status, other than institutions of higher education; Native American tribal organizations (other than Federally-recognized tribal governments); city, county or township governments; individuals, Native American tribal governments (Federally-recognized); for-profit organizations; small businesses. And applicants are expected to have demonstrated knowledge and understanding of the biology of the involved endangered or threatened species and their ecosystem, including preferably having worked with the species in the field and holding a currently valid Endangered Species Act permit, issued by the FWS, authorizing them to work with these species (or that have previously held a permit to do so). If funding is awarded, applicants that do not currently hold a valid permit for the proposed activity may need to apply for and obtain a FWS permit before beginning the proposed activity. For more information about the permit requirements, please visit our Ecological Services Program's permit website at <http://www.fws.gov/endangered/permits/index.html>.

**Eligibility Criteria:** When funds are available in the region and whether submitted by hard copy or electronically, the application package should contain: a. Application for Federal Assistance (SF 424), and the appropriate Budget and Assurances forms (SF 424A and SF 424B – Non-construction; or SF 424C and SF 424D – Construction). b. Project Summary Page: And c. Proposed Project: including the following sections: - Project Description; - Project Location; - Project Objectives ; - Methodology; - Credentials ; - Coordination efforts ; - Length of Time; - Budget ; - Criteria for Success; - Deliverables with Timeframes; and - Supporting Information. Any additional supporting information may also be submitted (i.e., maps of project site/location, copies of relevant permits currently or previously held that authorize similar activities for the targeted species). See the NOFA for more detailed information.

**Program POC:** Kelly Niland, 703-358-2492 [Kelly\\_Niland@fws.gov](mailto:Kelly_Niland@fws.gov)

**Further Information:** <http://www.grants.gov/web/grants/search-grants.html?keywords=F15AS00038>

**How to Apply:** FWS Regional contacts can provide specific information on the amount of funding available, as well as Regional recovery priorities. The program strongly encourages applicants to contact the appropriate FWS Regional Recovery contacts to discuss potential projects, application processes, and submittal timelines. If funding is available and the potential project addresses a high priority Regional recovery need, then the Regional contact will refer the potential applicant to the appropriate FWS Ecological Services Field Office for further coordination. A list of FWS Regional contacts is provided below under section VII. Agency Contacts. If the Ecological Services Field Office is interested in the proposed project, they will notify the potential applicant and work with them to develop an adequate project proposal. Incomplete and ineligible proposals will not be considered for funding. See the NOFA for more information.

**Authorization:** Endangered Species Act, 1973 (as amended 1978, 1982, 1988, and 2004)

# DOL/EMPLOYMENT AND TRAINING ADMINISTRATION

## WORKFORCE INNOVATION AND OPPORTUNITY ACT GRANT PROGRAM

**Category:** Economic Development

**Funding Method:** Formula Grant

**Purpose:** To increase the employment, job retention, earnings, and career advancement of U.S. workers, supporting individuals in receiving skills, training, credentials, and related prerequisites for employment.

**Who is Eligible:** States including the District of Columbia and outlying areas.

**Eligibility Criteria:**

Funds are awarded to states via formula. States then distribute the majority of funding to local areas to provide direct services to eligible adults, youth, and dislocated workers through one-stop career centers, also known as American Job Centers. A small portion of funds remain available to states for state-wide initiatives. At the local level, a business-led workforce development board directs policies and priorities for WIOA funding and services. The local boards also work to enhance communication, coordination, and collaboration among employers, economic development entities and service providers to ensure activities meet the needs of employers and support economic growth in the region. Both the state and local boards set policies for training. Training may consist of a range of options including, on-the-job training, Registered Apprenticeship, and traditional classroom training. Training providers must meet certain eligibility criteria set by the state and local areas to receive WIOA funding. Also, specific elements of the program assist disadvantaged adults, youth, and workers who have been laid off or have been notified that they will be terminated or laid off, including members of the Armed Forces who are leaving the Service and transitioning to civilian employment. The program also serves employers by helping identify the skilled workers they need or by developing training opportunities, such as on-the-job training and incumbent worker training.

<b>Program POC:</b>	Contact information for local American Job Centers - <a href="http://www.servicelocator.org/">http://www.servicelocator.org/</a> . Contact information for State and local Workforce Development
<b>Further Information:</b>	<a href="http://www.doleta.gov/wioa/eta_default.cfm">http://www.doleta.gov/wioa/eta_default.cfm</a> ; <a href="http://www.doleta.gov/wioa/Docs/WIOA-Factsheet.pdf">http://www.doleta.gov/wioa/Docs/WIOA-Factsheet.pdf</a> ; <a href="http://www.doleta.gov/programs/general_info.cfm">http://www.doleta.gov/programs/general_info.cfm</a>
<b>How to Apply:</b>	Prospective applicants should consult their local American Job Center (AJC) for information about available services and funding.
<b>Authorization:</b>	Workforce Innovation and Opportunity Act (WIOA)



# DOT/FEDERAL HIGHWAY & TRANSIT ADMINISTRATIONS

## METROPOLITAN TRANSPORTATION PLANNING

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Formula Grant

**Purpose:** To establish a cooperative, continuous, and comprehensive framework for making transportation investment decisions in metropolitan areas. Program oversight is a joint Federal Highway Administration/Federal Transit Administration responsibility.

**Who is Eligible:** Funded by contract authority from the Highway Account of the Highway Trust Fund. Funds are subject to the overall Federal-aid obligation limitation. MAP-21 has a new approach to formula program funding, authorizing a lump sum total instead of individual authorizations for each program. Once each State's combined total apportionment is calculated, an amount is set aside for the State's Metropolitan Planning program via a calculation based on the relative size of the State's FY 2009 Metropolitan Planning apportionment. (See "Apportionment" fact sheet for a description of this calculation.) From the State's Metropolitan Planning apportionment, a proportionate share of funds for the State's Transportation Alternatives Program is to be set aside. (See "Apportionment" fact sheet for a description of this calculation).

**Eligibility Criteria:** MPOs must establish and use a performance approach to transportation decision-making and transportation plan development. Each MPO must establish performance targets, coordinated with the relevant State and public transportation providers, addressing MAP-21 surface transportation performance measures. Also, the required Long Range Transportation Plan must include a description of the performance measures and targets assessing the performance of the system. The Plan will include a system performance report and resulting updates evaluating the condition and performance of the transportation system with respect to the established performance targets. MPOs have the option of developing multiple scenarios for consideration during the development of the Plan. Further, the TIP will include a description of the anticipated effect toward achieving the performance targets established. Finally, various planning requirements include (1) The minimum population required for an MPO remains at more than 50,000; (2) The Plan must be prepared and updated every 4 years in nonattainment areas or under maintenance plan. (3) The Plan covers a minimum 20-year planning horizon with air quality conformity and fiscal constraint. (4) Public involvement remains a hallmark of the metropolitan planning process. (5) The TIP is updated every 4 years and approved by the MPO and Governor. And (6) a congestion management system is required in TMAs, and the planning process in TMAs must be certified by the Secretary. Finally, Section 1201 of MAP-21 mentions elements of modal balance including for environmental benefits in a metropolitan area that would include port development and marine transportation.

**Program POC:** Peter Kleskovic, (202) 366-4652, Peter.Kleskovic@dot.gov

**Further Information:** <http://www.fhwa.dot.gov/map21/mp.cfm>

**How to Apply:** Applicants must work with the Metropolitan Planning Organization (MPO) in their region to use the program funding for various transportation planning studies including truck or rail access. This program is a formula program through State DOTs to MPOs.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## PRIVATE ACTIVITY BONDS (PABs)

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Tax exempt bond issuance

**Purpose:** To provide maximum flexibility in the Secretary's award of the \$15 billion bonding authority and increase public-private partnerships or essentially private involvement in infrastructure development.

**Who is Eligible:** PAB authority allows for privately developed infrastructure to take advantage of tax-exempt financing issued through a public conduit. Applications may be submitted by either a private developer or a public sector entity in advance of the selection of a private developer.

**Eligibility Criteria:**

Qualified Highway or Surface Freight Transfer Facilities include (1.) any surface transportation project which receives Federal assistance under Title 23, United States Code (as in effect on August 10, 2005, the date of the enactment of section 142(m); (2.) any project for an international bridge or tunnel for which an international entity authorized under Federal or State law is responsible and which receives Federal assistance under Title 23, United States Code (as so in effect) ; and (3.) any facility for the transfer of freight from truck to rail or rail to truck (including any temporary storage facilities directly related to such transfers) which receives Federal assistance under Title 23 or Title 49. Examples of facilities for the transfer of freight from truck to rail or rail to truck include cranes, loading docks and computer-controlled equipment that are integral to such freight transfers. Examples of facilities that are not freight transfer facilities include lodging, retail, industrial or manufacturing facilities.

<b>Program POC:</b>	Mr. Paul Baumer, Office of the Secretary of Transportation, 202-366-1092 , paul.baumer@dot.gov
<b>Further Information:</b>	<a href="http://www.fhwa.dot.gov/ipd/finance/tools_programs/federal_debt_financing/private_activity_bonds/">http://www.fhwa.dot.gov/ipd/finance/tools_programs/federal_debt_financing/private_activity_bonds/</a>
<b>How to Apply:</b>	U.S. DOT is accepting applications from sponsors interested in receiving authority to use a portion of the \$15 billion in exempt facility. While US DOT has not specified a fixed format for bond applications, it has identified a number of pieces of information that would be helpful in facilitating its consideration of applications. These Include: 1.) Amount of Allocation Requested; 2.) Proposed Date of Bond Issuance; 3.) Date of Inducement by the Bond Issuer; 4.) Draft Bond Counsel Opinion Letter; 5.) Financing/Development Team Information; 6.) Borrower Information; 7.) Project Description; 8.) Project Schedule; 9.) Financial Structure; 10.) Description of Title 23/49 funding received by the project 11.) Project Readiness; 12.) Signatures; and 13.) Declarations verifying the accuracy of submitted information.
<b>Authorization:</b>	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), 2005

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## FERRY BOAT FORMULA PROGRAM (FBP)

**Category:** Ferry/Maritime

**Funding Method:** Formula Grant, using BTS' National Census of Ferry Operators.

**Purpose:** To construct/improve ferry boats or terminals where it is not feasible to build a bridge, tunnel, combination thereof, or other normal highway structure in lieu of the use of such ferry.

**Who is Eligible:** States and U.S. Territories

**Eligibility Criteria:**

Eligible entities are in accordance with 23 U.S.C. 129(c), and the project must meet the following conditions: (1.) It is not feasible to build a bridge or tunnel . (2.) The ferry service is on a route classified as a public road and not designated as an Interstate route. (3.) The ferry boat or terminal shall be publicly-owned, publicly operated or majority publicly owned if the Secretary determines the facility provides public benefits. (4.) The operating authority and the amount of fares shall be under State control or other public entity, and revenues derived shall be applied to actual and necessary costs (5.) The ferry may be operated within a State including Hawaii and any U.S. territory, between adjoining States, or between a U.S. point and Canada. Also, eligible activities include: (1.) Construction of ferry boat and ferry terminal facilities, including ferry maintenance facilities. (2.) Construction, according to 23 U.S.C. 101(a)(4), including: (a.) engineering & design services for \construction of a highway project, including project management, inspection, surveying, mapping (including the establishment of temporary and permanent geodetic control in accordance with specifications of the NOAA), and architecture services; (b.) reconstruction, resurfacing, restoration, rehabilitation and preservation; (c.) right-of-way acquisition; (d.) relocation assistance and acquisition, rehabilitation, relocation, and construction of replacement housing; (e.) elimination of roadside hazards; and (f.) improvements directly facilitating traffic flow including grade separation of intersections, widening of lanes, channelization of traffic, traffic control systems, and passenger loading and unloading areas. And temporary ferry operations are eligible if for maintenance of traffic for bridge replacement projects, using the same funds to replace the bridge..

**Program POC:** Joseph Taylor, FHWA Ferry Program Manager (Joseph.Taylor@dot.gov, 410-779-7146)

**Further Information:** <http://www.fhwa.dot.gov/specialfunding/fbp/>

**How to Apply:** Applicants cannot apply for this program at the Federal level; it is a formula based program.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## OFF-HOURS FREIGHT DELIVERY

**Category:** Freight Planning

**Funding Method:** Grant/Cost-Match

**Purpose:** The general objective of the program is to undertake surface transportation research, development, and technology deployment activities to promote innovation in transportation infrastructure, services, and operations.

**Who is Eligible:** This competition is open to the National Academy of Sciences, the American Association of State Highway and Transportation Officials, any Federal laboratory, Federal agency, State agency, authority, association, institution, for-profit, or non-profit corporation, organization, foreign country, or any other person.

**Eligibility Criteria:** The offerer shall provide and be evaluated on specific information including its responsiveness to the objectives and purpose of the pilot; proposed scope, strategy and approach; soundness and Feasibility of technical Approach and methodology; implementation strategy, strategy for program sustainability, and initial approach to measuring project benefits. Further, the offerer will be evaluated on the demonstrated program management experience to perform work in the area of implementing freight programs; the demonstrated knowledge and relevant experience of the program manager; staff, and sub-recipients in completing the proposed tasks; demonstrated experience, relationships and collaboration with other government agencies, NGOs, and the private sector. Also, relative cost will be considered in the award decision. The budget application will be analyzed to assess cost reasonableness and conformance to applicable cost principles. Finally, the NOFA outlines the review and selection process.

**Program POC:** Coral Torres, 202-366-7602, Coral.Torres@dot.gov

**Further Information:** [http://www.grants.gov/web/grants/search-grants.html?keywords=off hours freight delivery](http://www.grants.gov/web/grants/search-grants.html?keywords=off%20hours%20freight%20delivery)

**How to Apply:** The Applicant must complete and submit all forms included in the application package for this Notice as contained at [www.grants.gov](http://www.grants.gov). There are also specific criteria how to apply including that applications must be prepared on 8½ x 11-inch paper (except for foldouts used for charts, tables or figures not-to-exceed 11 x 17 inches and count as two pages). Other specific criteria include font size, text in captions, page margins, etc. Further, there is guidance in the NOFA about what to include in each section of application, such as Volume I for the Technical Application and Volume II for the Budget Application.

**Authorization:** Section 5101(a)(1) of the Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A legacy for Users (SAFETEA-LU) (P. L.109-59)

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## TRANSPORTATION ALTERNATIVES PROGRAM

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Formula Grant

**Purpose:** To provide funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail program projects; safe routes to school projects; and projects for the planning, design, or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

**Who is Eligible:** TAP funds can only be obligated for projects submitted by "eligible entities" defined in 23 U.S.C. 213(c)(4)(B) as follows: local governments; regional transportation authorities; transit agencies; natural resource or public land agencies; school districts, local education agencies, or schools; tribal governments; and any other local or regional governmental entity with responsibility for or oversight of transportation or recreational trails (other than a metropolitan planning organization or a State agency) that the State determines to be eligible, consistent with the goals of this subsection. See [www.fhwa.dot.gov/environment/transportation\\_alternatives/](http://www.fhwa.dot.gov/environment/transportation_alternatives/) for more information.

**Eligibility Criteria:** Transportation Alternatives include (1.) Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation; (2.) Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities; (3.) Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users; (4.) Construction of turnouts, overlooks, and viewing areas; (5.) Community improvement activities, including historic preservation and rehabilitation of historic transportation facilities, vegetation management, and archaeological activities; (6.) Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation, or reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats. The program also includes the recreational trails program and the safe routes to school (SRTS) program. The program also includes planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

**Program POC:** Christopher Douwes, FHWA, Community Planner ([Christopher.Douwes@dot.gov](mailto:Christopher.Douwes@dot.gov), 202-366-5013)

**Further Information:** Website: [www.fhwa.dot.gov/environment/transportation\\_alternatives/](http://www.fhwa.dot.gov/environment/transportation_alternatives/); Guidance: [www.fhwa.dot.gov/map21/guidance/guidetap.cfm](http://www.fhwa.dot.gov/map21/guidance/guidetap.cfm); Questions and Answers: [www.fhwa.dot.gov/map21/qandas/qatap.cfm](http://www.fhwa.dot.gov/map21/qandas/qatap.cfm); Youth Corps Questions and Answers: [www.fhwa.dot.gov/map21/qandas/qa](http://www.fhwa.dot.gov/map21/qandas/qa)

**How to Apply:** Applicants are encouraged to work with their State DOT, and (if applicable) the Metropolitan Planning Organization (MPO). This program is a formula program. See [www.pedbikeinfo.org/data/state\\_contacts.cfm](http://www.pedbikeinfo.org/data/state_contacts.cfm) for State contacts. States must select projects through a competitive process for funds available for any area of the State, for funds suballocated to small urban areas, and for funds suballocated to nonurban areas. For funds suballocated to urbanized areas with populations of 200,000 or more, the Metropolitan Planning Organization (MPO) must select projects through a competitive process. The USDOT encourages States to enter into contracts and cooperative agreements with qualified youth service and conservation corps to perform TAP projects (MAP-21 §1524).

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012 (and extensions)

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## CONGESTION MITIGATION & AIR QUALITY IMPROVEMENT (CMAQ) PROGRAM

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Formula Grant

**Purpose:** To reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards (NAAQS) for ozone, carbon monoxide, or particulate matter — nonattainment areas — and for areas that were out of compliance but have now met the standards — maintenance areas.

**Who is Eligible:** States, units of local government, and private sector sponsors through public-private partnerships located in ozone, carbon monoxide and particulate matter nonattainment and maintenance areas.

**Eligibility Criteria:**

Funds must be used for transportation projects that generate an emissions benefit and are located in or benefit a nonattainment or maintenance area. Projects must be included in the MPO's current transportation plan and transportation improvement program (TIP), where applicable, and in the state transportation improvement program (STIP). Projects must satisfy the basic eligibility requirements under titles 23 and 49 of the U.S.C. Examples of eligible projects discussed in depth in the CMAQ Program Guidance include: Diesel engine retrofits and other advanced truck technologies; Idle reduction projects; Congestion reduction and traffic flow improvements; Freight/Intermodal projects; Transportation Control Measures per Section 108 of the Clean Air Act; Transit improvements; Bicycle and pedestrian facilities and programs, travel demand management programs; Public education and outreach activities; Transportation Management Associations; Carpooling and vanpooling; Car sharing; Extreme low-temperature cold start programs; Inspection and maintenance programs; and Alternative fuels and vehicles.

**Program POC:** Emily Biondi (emily.biondi@dot.gov; 202-366-9482)

**Further Information:** [http://www.fhwa.dot.gov/environment/air\\_quality/cmaq/](http://www.fhwa.dot.gov/environment/air_quality/cmaq/)

**How to Apply:** Varies with the State, Metropolitan Planning Organization or other unit of government involved in project selection. Yet applicants are encouraged to work with the metropolitan planning organization in their region. This program is a formula program.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## NATIONAL HIGHWAY PERFORMANCE PROGRAM

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Formula Grant

**Purpose:** (1) to provide support for the condition and performance of the National Highway System (NHS); (2) to provide support for the construction of new facilities on the NHS; and (3) to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS.

**Who is Eligible:** State Departments of Transportation

**Eligibility Criteria:** NHPP funds may be obligated only for a project on an "eligible facility" that is a project, part of a program of projects, or an eligible activity supporting progress toward the achievement of national performance goals for improving infrastructure condition, safety, mobility, or freight movement on the NHS and is consistent with the planning requirements of Sections 134 and 135. Projects must be identified in the STIP/TIP and be consistent with the Long-Range Statewide Transportation Plan and the Metropolitan Transportation Plan(s). Under the NHPP, an "eligible facility" includes only those facilities located on the NHS, as defined in 23 U.S.C. 103, except as specified in the statute. Hence, the NHS may include "Other connector highways [...] that provide motor vehicle access between arterial routes on the National Highway System and a major intermodal transportation facility." Eligibility also includes ferry boats and terminals that serve NHS routes.

**Program POC:** David Bartz, Federal Aid Highway Program (David.Bartz@dot.gov; 512-536-5906)

**Further Information:** <http://www.fhwa.dot.gov/map21/guidance/guidenhpp.cfm>

**How to Apply:** Varies with the State, Metropolitan Planning Organization or other unit of government involved in project selection. Hence, applicants are encouraged to work with their State DOT. This program is a formula program.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012



# DOT/FEDERAL HIGHWAY ADMINISTRATION

## TRANSPORTATION INFRASTRUCTURE FINANCE & ASSISTANCE (TIFIA)

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Secured loans, Credit Lines & Loan Guarantees

**Purpose:** To leverage Federal funds by attracting substantial private and other non-Federal co-investment in critical improvements to the nation's surface transportation system. TIFIA was created because state and local governments that sought to finance large-scale transportation projects with tolls and other forms of user-backed revenue often had difficulty obtaining financing at reasonable rates due to the uncertainties associated with these revenue streams.

**Who is Eligible:** Public and Private Sponsors with Public Approval

### **Eligibility Criteria:**

Qualified Highway or Surface Freight Transfer Facilities include (1.) any surface transportation project which receives Federal assistance under Title 23, United States Code (as in effect on August 10, 2005, the date of the enactment of section 142(m)); (2.) any project for an international bridge or tunnel for which an international entity authorized under Federal or State law is responsible and which receives Federal assistance under Title 23, United States Code (as so in effect) ; and (3.) any facility for the transfer of freight from truck to rail or rail to truck (including any temporary storage facilities directly related to such transfers) which receives Federal assistance under Title 23 or Title 49. Examples of facilities for the transfer of freight from truck to rail or rail to truck include cranes, loading docks and computer-controlled equipment that are integral to such freight transfers. Examples of facilities that are not freight transfer facilities include lodging, retail, industrial or manufacturing facilities.

**Program POC:** Elijah Owuor – [Elijah.Owuor@dot.gov](mailto:Elijah.Owuor@dot.gov), (202) 366-9048

**Further Information:** <http://www.transportation.gov/tifia>

**How to Apply:** MAP-21 establishes a multi-step application process for TIFIA credit assistance, starting with the submission of a Letter of Interest and determination of eligibility. Only after a project sponsor has submitted and met all statutory eligibility requirements will the project sponsor be invited to submit an application. After concluding its review of each Letter and related information, along with the independent financial analysis report by DOT, it will permit sponsors of eligible projects to submit complete applications. DOT will conduct a rolling application process. Also, in accordance with MAP-21, the DOT will inform each applicant whether its application is complete, or if not complete, identify additional materials needed for completion within 30 days of receiving the application. No later than 60 days after issuing such notice, the applicant will be notified whether the application is approved or disapproved. Finally, note that an invitation to submit an application for credit assistance does not guarantee the DOT's approval, which will remain subject to evaluation, based on all of the TIFIA statutory evaluation criteria, and the successful negotiation of terms and conditions acceptable to the Secretary.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## PROJECTS OF NATIONAL & REGIONAL SIGNIFICANCE (General Fund)

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Increased Federal Share

**Purpose:** To quantitatively improve the throughput or provide long term congestion relief for passenger or freight movement for a part of the transportation network and clearly connect this improvement to sustainable economic productivity for the nation or the region in which it is located.

**Who is Eligible:** States, tribes, transit agencies, and multi-State or multi-jurisdictional groups of these entities are eligible to apply for competitive grant funding.

**Eligibility Criteria:** Eligible project means any surface transportation project or set of integrated surface transportation projects closely related in the function they perform eligible for Federal assistance under title 23, United States Code, including public or private rail facilities providing benefits to highway users, surface transportation infrastructure modifications to facilitate intermodal interchange, transfer, and access into and out of ports and other activities eligible under such title.

**Program POC:** Crystal Jones, FHWA Office of Freight Management and Operations (Crystal.Jones@dot.gov, 202-366-2976)

**Further Information:** <http://www.fhwa.dot.gov/map21/guidance/guidesec1116.cfm>

**How to Apply:** Under SAFETEA-LU, the program was 100 percent earmarked. Under MAP-21, the process will be defined in the future. "How to Apply" will be determined upon appropriation.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## SECTION 129 LOANS

**Category:** Roadway Development

**Funding Method:** Loan leverage tool

**Purpose:** To allow states to leverage additional transportation resources and recycle assistance to other eligible projects. States have the flexibility to negotiate interest rates and other terms of Section 129 loans.

**Who is Eligible:** A public or private entity to construct a toll project eligible for Federal-aid funding or a non-toll highway project with a dedicated revenue source. The amount loaned by the state is considered an eligible Federal-aid project cost. Any Federal transportation program category can be used for a Section 129 loan as long as the project receiving the loan is eligible for funding from that category. Further, there are no Federal requirements that apply to how a state selects a public or private entity to be a recipient of a Section 129 loan. Rather, this selection process is governed by state law, and it is the state's responsibility to ensure that the recipient uses the loan for the specified purposes.

**Eligibility Criteria:** States may make Section 129 loans to a public or private entity to construct either a toll project that is eligible for Federal-aid funding or a non-toll highway project that has a revenue source specifically dedicated to support the project. (Section 129 loans are only for roadways with dedicated funding sources.) The amount loaned by the state is considered an eligible Federal-aid project cost. Any Federal transportation program category can be used for a Section 129 loan as long as the project receiving the loan is eligible for funding from that category. Further, there are no Federal requirements that apply to how a state selects a public or private entity to be a recipient of a Section 129 loan. Rather, this selection process is governed by state law, and it is the state's responsibility to ensure that the recipient uses the loan for the specified purposes. Assuming that a project meets the test for eligibility, a loan can be made at any time. The Federal-aid loan may be for any amount, provided the maximum Federal share (typically 80 percent) of the total eligible project costs is not exceeded. Total eligible project costs are limited to the costs of engineering, right-of-way acquisition, and construction at the time FHWA authorizes the loan to be made. In other words, a loan can be made to an active, eligible project, but the amount cannot include the cost of work done prior to the loan authorization. A project loan can be authorized in conjunction with advance construction. Loans must be repaid to the state, beginning within five years after construction is completed and the project is open to traffic. Repayment must be completed within 30 years after the date Federal funds were authorized for the loan.

**Program POC:** Mark Sullivan, Team Leader, FHWA Office of Innovative Program Delivery (Mark.sullivan@dot.gov, 202-366-5785)

**Further Information:** [http://www.fhwa.dot.gov/ipd/finance/tools\\_programs/federal\\_credit\\_assistance/section\\_129/index.htm](http://www.fhwa.dot.gov/ipd/finance/tools_programs/federal_credit_assistance/section_129/index.htm)

**How to Apply:** A state must discuss the project and loan structure with the FHWA Division Office. After ensuring the project meets all the requirements specific to Section 129(a)(7), the Division Office will authorize the entire amount of the loan or an incremental amount, depending on project cash flow. At this point, Federal-aid funds are obligated for whatever portion of the loan is authorized. Federal reimbursements can be received after the state actually disburses loan funds to the project sponsor. The non-Federal matching share for all Section 129 loan projects is 20 percent.

**Authorization:** Intermodal Surface Transportation Efficiency Act, 1991; amended by the National Highway System Designation Act, 1995

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## GRANT ANTICIPATION REVENUE VEHICLES (GARVEES)

**Category:** Roadway Development

**Funding Method:** Bonds repaid, all or in part, by future Federal-aid funds

**Purpose:** To accelerate construction timelines and spread the cost of a transportation facility over its useful life rather than just the construction period. The use of GARVEE bonds expands access to capital markets as an alternative or in addition to potential general obligation or revenue bonding capabilities. The upfront monetization benefit of these techniques needs to be weighed against consuming a portion of future years' receivables to pay debt service. This approach is appropriate for large, long-lived, non-revenue generating assets.

**Who is Eligible:** An eligible issuer is a state or political subdivision of a state or a public authority, per Section 122 of Title 23. Note that a State law may also specify authorized entities for GARVEE debt issuance.

**Eligibility Criteria:**

Candidates for GARVEE financing are larger projects (or programs of eligible projects) that have the following characteristics:(1.) They are large enough to merit borrowing rather than pay-as-you-go grant funding, with the costs of delay outweighing the costs of financing. Other borrowing approaches may not be feasible or are limited in capacity; (2.) They do not have access to a revenue stream (such as local taxes or tolls) and other forms of repayment (such as state appropriations) are not feasible; and (3.) The sponsors (generally state DOTs) are willing to reserve a portion of future year Federal-aid highway funds to satisfy debt service requirements. GARVEE proceeds may not be used as the non-Federal match toward a Federal-aid project.

**Program POC:** Mark Sullivan, Team Leader, FHWA Office of Innovative Program Delivery (Mark.sullivan@dot.gov, 202-366-5785)

**Further Information:** [http://www.fhwa.dot.gov/ipd/finance/tools\\_programs/federal\\_debt\\_financing/garvees/index.htm](http://www.fhwa.dot.gov/ipd/finance/tools_programs/federal_debt_financing/garvees/index.htm)

**How to Apply:** GARVEEs are state-issued bonds repaid, all or in part, with future Federal-aid highway funds. If project is selected for debt financing under the GARVEE concept, the project is submitted to an FHWA Division Office for approval as an advance construction (AC) project. The AC designation will ensure the project follows Federal-aid procedures, including complying with the intent of the fiscally-constrained planning process, and will preserve the eligibility to reimburse debt-related costs with future Federal-aid funds. The planned amount of Federal-aid reimbursement for debt service (AC conversion) should be included in the STIP per FHWA procedures. Finally, requests for federal-aid reimbursement can include interest payments, repayment of principal, and any other reasonable and necessary costs related to the sale of an eligible debt issue.

**Authorization:** National Highway System Designation Act of 1995

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## EMERGENCY RELIEF PROGRAM

**Category:** Roadway Development

**Funding Method:** Grant

**Purpose:** To provide funding for emergency repairs and permanent repairs on Federal-aid highways and roads on Federal lands that the Secretary finds have suffered serious damage as a result of natural disasters or catastrophic failure from an external cause.

**Who is Eligible:** U.S. States, to which funds are allocated based on an assessment of repair costs following a disaster; Also, US territories and PR are eligible.

**Eligibility Criteria:**

Emergency relief criteria include: (1.) Emergency repair work to restore essential travel, minimize the extent of damage, or protect the remaining facilities, accomplished in the first 180 days after the disaster occurs, may be reimbursed at 100 percent Federal share; time period may be extended for delay in the ability to access damaged areas. (2.) For eligible permanent repairs to restore damaged facilities, up to 90% Federal share is allowed if total eligible expenses incurred by the State due to natural disasters or catastrophic failures in a Federal fiscal year exceeds the State's apportionments under 23 USC 104 for the fiscal year in which the event occurred. And (3.) The Federal share for repair work on Federal land, Federal land access, and tribal transportation facilities is 100%. And other emergency relief eligibilities are continued, with some changes, including: (1.) Addition of actual and necessary costs of maintenance and operation of transit service as eligible activity to provide a temporary substitute for highway traffic service. (2.) Debris removal is eligible only if the event is not declared a major disaster by the President or where the event is declared a major disaster by the President but the debris removal is not eligible for assistance under the Stafford Act.(3.) ER funds may participate in costs to repair or reconstruct a comparable facility, which is defined as a facility that meets the current geometric and construction standards required for the types and volume of traffic that the facility will carry over its design life. (4.) Construction phase defined – No funds may be used for repair or reconstruction of a bridge if the construction phase of a replacement structure is included in a State's approved transportation improvement program at the time of the event.

**Program POC:** Greg Wolf, Office of Program Administration (Greg.Wolf@dot.gov, 202-366-4655)

**Further Information:** <http://www.fhwa.dot.gov/map21/er.cfm>

**How to Apply:** FHWA must receive an official request for ER funds from the State transportation department before funds can be allocated. And before a State can apply for ER funds, the Governor of the State must issue a formal proclamation of the existence of a disaster. If a Presidential declaration is made under the authority of the Stafford Act, then the Governor's declaration is not required, but is usually issued as well. The State, in cooperation with FHWA, undertakes damage assessments immediately following a disaster. The individual site damage assessments are compiled into a damage summary report with a summary of eligible repair costs. The Federal share of eligible statewide damages must meet or exceed \$700,000 to be considered eligible for Emergency Relief program funding. The State's request for ER funding is submitted in writing to FHWA for a finding of eligibility and approval.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012

# DOT/FEDERAL HIGHWAY ADMINISTRATION

## SURFACE TRANSPORTATION PROGRAM

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Formula Grant

**Purpose:** To provide flexible funding for States and localities to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals.

**Who is Eligible:** State Departments of Transportation

**Eligibility Criteria:**

There are 27 listed types of eligible projects, including construction of ferry boats and ferry terminal facilities eligible for funding under 23 U.S.C. 129(c). [Approach roadways for these terminals are eligible as projects to accommodate other transportation modes (pursuant to 23 U.S.C. 142(c)) and as a project that provides access into and out of the port under paragraph (25)(23 U.S.C. 133(b)(25)). Not subject to the Location of Project requirement in section 133(c).] Also, eligible projects also include only such surface transportation infrastructure modifications as are necessary to facilitate direct intermodal interchange, transfer, and access into and out of the port, if located within the boundaries of a port terminal. [Not subject to Location of Project requirement in section 133(c).] Other projects can include truck parking facilities eligible for funding under section 1401 of MAP-21 (notably inside the port gates), railway-highway grade crossings, and environmental mitigation. Finally, there are other types of projects that seem port-related from hazard elimination to advanced truck stop electrification systems. Note that MAP-21 specifically includes “Replacement of Destroyed Bridges and Ferry Boat Service.” MAP-21 states that the funds apportioned under section 104(b)(2) to construct any bridge that replaces (A) any low water crossing (regardless of the length of the low water crossing); (B) any bridge that was destroyed prior to January 1, 1965; (C) any ferry that was in existence on January 1, 1984; or (D) any road bridge that is rendered obsolete as a result of a Corps of Engineers flood control or channelization project and is not rebuilt with funds from the Corps of Engineers.

**Program POC:** David Bartz, Federal Aid Highway Program (David.Bartz@dot.gov; 512-536-5906)

**Further Information:** <http://www.fhwa.dot.gov/map21/guidance/guidestp.cfm>

**How to Apply:** Varies with the State, Metropolitan Planning Organization or other unit of government involved in project selection. Hence, applicants are encouraged to work with their State DOT. This program is a formula program.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21), 2012

# DOT/FEDERAL RAILROAD ADMINISTRATION

## RAILROAD REHABILITATION & IMPROVEMENT FINANCE (RRIF)

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Direct loans and loan guarantees

**Purpose:** To provide financing for the development of railroad infrastructure

**Who is Eligible:** State and local governments; interstate compacts consented to by Congress under section 410(a) of the Amtrak Reform and Accountability Act of 1997 (49 U.S.C. 24010 note); government sponsored authorities and corporations; railroads; joint ventures that include at least one railroad; and limited option rail freight shippers that own or operate a plant or other facility that is served by no more than a single railroad that applies solely for the purpose of constructing a rail connection between a plant or facility and a second rail carrier are eligible for direct loans and loan guarantees under the RRIF program. (45 U.S.C. § 822(a)).

**Eligibility Criteria:** RRIF direct loans and loan guarantees may be used to acquire, improve, or rehabilitate intermodal or rail equipment or facilities, including track, components of track, bridges, yards, buildings, and shops; refinance outstanding debt incurred for the above purposes; or to develop or establish new intermodal or railroad facilities. (45 U.S.C. § 822(b)).

**Program POC:** Eileen Serafin, Chief Credit & Financial Analysis Division, Eileen.Serafin@dot.gov, 202-493-0514)

**Further Information:** <http://www.fra.dot.gov/Page/P0128>

**How to Apply:** Applicants should schedule a pre-app meeting to discuss the project. Applicants must submit the information by mail to Federal Railroad Administration, Office of Railroad Development, Innovative Finance Division, RPD-12, Room W36-320, 1200 New Jersey Avenue, SE, Washington, DC 20590. In reviewing applications, FRA will prioritize projects enhancing public safety and/or the environment; promote economic development; enable US companies to be more competitive in internationally; are endorsed by the STIP; preserve/enhance rail or intermodal service to small communities or rural areas; enhance service and capacity in the national rail system; and materially alleviate rail capacity problems degrading service to shippers and fulfilling a need in the national transportation system. More information is available in 75 Fed. Reg. 60165 (Sept. 29, 2010). Applicants must comply with the National Environmental Policy Act and the National Historic Preservation Act.

**Authorization:** Title V of the Railroad Revitalization and Regulatory Reform Act of 1976, as amended (45 U.S.C. § 821 et seq.)



# DOT/FEDERAL TRANSIT ADMINISTRATION

## PASSENGER FERRY GRANT PROGRAM

**Category:** Ferry/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To support passenger ferry capital projects

**Who is Eligible:** Departments, agencies, and instrumentalities of the Government, State and local governmental entities; providers of public transportation; private or non-profit organizations; proposers and eventual grant applicants under this initiative must be designated recipients or eligible direct recipients of Section 5307 funds which include public entities engaged in providing a public transportation passenger ferry service. Ferry systems that accommodate cars must also accommodate walk-on passengers.

**Eligibility Criteria:** Proposals will be evaluated based on the following criteria: 1) Demonstration of Need; 2) Demonstration of Benefits; 3) Planning and Local/Regional Prioritization; 4) Project Readiness; 5) Technical, legal, and financial capacity to implement the particular project proposed; and 6) Connectivity to Other Modes of Transportation. In addition, priority consideration will be given to eligible project that help to expand ladders of opportunity and improve safety.

**Program POC:** Vanessa Williams, Transportation Program Specialist (202-366-4818; [vanessa.williams@dot.gov](mailto:vanessa.williams@dot.gov))

**Further Information:** [http://www.fta.dot.gov/grants/13077\\_15648.html](http://www.fta.dot.gov/grants/13077_15648.html)

**How to Apply:** Project proposals must be submitted electronically through <http://www.GRANTS.GOV>. A complete proposal submission will consist of at least two files: (1) the SF 424 Mandatory form (downloaded from GRANTS.GOV) and (2) the Applicant and Proposal Profile supplemental form for the Passenger Ferry program. The supplemental form provides guidance and a consistent format for proposers to respond to the criteria outlined in this NOFA. Once completed, the supplemental form must be placed in the attachments section of the SF 424 Mandatory form. Proposers must use the supplemental form designated for the Ferry program and attach it to their submission in [grants.gov](http://grants.gov) to successfully complete the application process. A proposal submission may contain additional supporting documentation as attachments.

**Authorization:** Moving Ahead for Progress in the 21st Century (MAP-21)

# DOT/MARITIME ADMINISTRATION

## SMALL SHIPYARD GRANT PROGRAM

**Category:** Vessel/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To make grants available for capital and related improvements for qualified shipyard facilities that will be effective in fostering efficiency, competitive operations, and quality ship construction, repair, and reconfiguration. Grant funds may also be used for maritime training programs to foster technical skills and operational productivity in communities whose economies are related to or dependent upon the maritime industry.

**Who is Eligible:** The applicant must be the operating company of the shipyard facility. The shipyard facility must construct, repair, or reconfigure vessels 40 ft. in length or greater, for commercial or government use. And the shipyard facility for which a grant is sought must be in a single geographical location, located in or near a maritime community, and may not have more than 1200 production employees.

**Eligibility Criteria:** Capital and related improvement projects effective in fostering efficiency, competitive operations, and quality ship construction, repair, and reconfiguration; and training projects that will be effective in fostering employee skills and enhancing productivity. For capital improvement projects, all items proposed for funding must be new and to be owned by the applicant. For both capital improvement and training projects, all project costs, including the recipient's share, must be incurred after the date of the grant agreement.

**Program POC:** David Heller, MARAD Office of Shipyards (David.Heller@dot.gov; (202) 366-1850)

**Further Information:** 2012 Recipients ([http://www.marad.dot.gov/news\\_room\\_landing\\_page/news\\_releases\\_summary/news\\_release/MARAD\\_03-12.htm](http://www.marad.dot.gov/news_room_landing_page/news_releases_summary/news_release/MARAD_03-12.htm))

**How to Apply:** Applicants must submit an original and one hard copy with two CDs, each containing a complete electronic version, in PDF format to: Associate Administrator for Business and Finance Development, Room W21-318, Maritime Administration, 1200 New Jersey Ave. SE., Washington, DC 20590. A shipyard facility in a single geographic location applying for multiple projects must do so in a single application. The application for a grant must include all of the following information as an addendum to Form SF-424. The information should be organized in sections as described below: <http://www.gpo.gov/fdsys/pkg/FR-2011-12-12/pdf/2011-31830.pdf>. Also, the Federal funds for any eligible project will not exceed 75 percent of the total cost of such project.

**Authorization:** Transportation, Housing and Urban Development, and Related Agencies Appropriations Act, 2012

# DOT/MARITIME ADMINISTRATION

## FEDERAL SHIP FINANCING PROGRAM (TITLE XI)

**Category:** Vessel/Maritime

**Funding Method:** Loan or bond guarantee

**Purpose:** To provide for a full faith and credit guarantee by the United States Government to promote the growth and modernization of the U.S. merchant marine and U.S. shipyards

**Who is Eligible:** Anyone who is constructing a vessel in a U.S. shipyard. Preference is given for Jones Act use, but export financing is permitted. U.S.-based shipyards are also eligible for modernization and expansion programs.

**Eligibility Criteria:** 1.) An applicant must demonstrate there are adequate financial resources available to meet various program requirements. 2.) The vessel financed under the project must meet its own program criteria outlined on its website. 3.) The operator of the vessel financed under the project must meet various criteria including the current or intended charter, management personnel of the applicant, and a detailed statement of the applicant's ability to successfully operate the financed vessel or the shipyard.

**Program POC:** David M. Gilmore, 202-366-5737, [marinefinancing@dot.gov](mailto:marinefinancing@dot.gov)

**Further Information:** <http://www.marad.dot.gov/ships-and-shipping/federal-ship-financing-title-xi-program-homepage/>

**How to Apply:** To apply for vessels, please fill out the application form that may be found at <http://www.marad.dot.gov/wp-content/uploads/pdf/APPNEW.pdf> or <http://www.marad.dot.gov/wp-content/uploads/pdf/appyard.pdf> for shipyard modernizations. Prior to filing the application, a pre-application meeting(s) should be set up with the Director, Office of Marine Financing to discuss the application and its requirements.

**Authorization:** Regular credit subsidy appropriations. Appropriations are "no year" (i.e. they do not remain available to the program until spent).

# DOT/MARITIME ADMINISTRATION

## MARITIME ENVIRONMENTAL AND TECHNICAL ASSISTANCE PROGRAM

**Category:** Environmental/Maritime

**Funding Method:** Cooperative agreement

**Purpose:** The purpose of the program is to conduct need-based maritime environmental research and technology demonstration projects.

**Who is Eligible:** Project dependent and funded through cooperative agreements. Eligible applicants include typically include industry, academia, and NPO/NGOs.

**Eligibility Criteria:** Eligibility stems from current-year needs including ballast water, air quality, water quality, and other marine or maritime environmental factors. Funding is dedicated to the current needs to fund yearly research and demonstration projects.

**Program POC:** Daniel Yuska, 202-366-0714, Daniel.Yuska@dot.gov

**Further Information:** <http://www.marad.dot.gov/environment-and-safety/office-of-environment/environmental-technology-assistance-initiative/>

**How to Apply:** Dependent on project and award type. Competitive awards are announced through [www.grants.gov](http://www.grants.gov).

**Authorization:** Coast Guard and Maritime Transportation Act, 2012

# DOT/OFFICE OF THE SECRETARY OF TRANSPORTATION

## FY 2015 TIGER (NATIONAL INFRASTRUCTURE INVESTMENTS)

**Category:** Roadway & Railway Corridors, Port Development

**Funding Method:** Discretionary Grant

**Purpose:** For capital investments in surface transportation infrastructure and are to be awarded on a competitive basis for projects that will have a significant impact on the Nation, a metropolitan area, or a region.

**Who is Eligible:** State, local and tribal governments, including U.S. territories, transit agencies, port authorities, metropolitan planning organizations (MPOs), and other political subdivisions of State or local governments. Multiple States or jurisdictions may submit a joint application and must identify a lead applicant as the primary point of contact. Each project party in a joint application must be an Eligible Applicant. Joint applications must include a description of the roles and responsibilities of each project party and must be signed by each project party.

**Eligibility Criteria:** The Act also allows DOT to use a small portion of the \$500 million for oversight and administration of grants. If this solicitation does not result in the award and obligation of all available funds, DOT may publish additional solicitations. The FY 2015 Appropriations Act specifies that TIGER Discretionary Grants may not be less than \$10 million and not greater than \$200 million, except that for projects located in rural areas (as defined in Section C.3) the minimum TIGER Discretionary Grant size is \$1 million. Pursuant to the FY 2015 Appropriations Act, no more than 25 percent of the funds made available for TIGER Discretionary Grants (or \$125 million) may be awarded to projects in a single State. The FY 2015 Appropriations Act directs that not less than 20 percent of the funds provided for TIGER Discretionary Grants (or \$100 million) shall be used for projects located in rural areas. Further, pursuant to the FY 2015 Appropriations Act, DOT must take measures to ensure an equitable geographic distribution of grant funds, an appropriate balance in addressing the needs of urban and rural areas, and investment in a variety of transportation modes. The FY 2015 Appropriations Act requires that FY 2015 TIGER funds are only available for obligation through September 30, 2017. No FY 2015 TIGER funds may be expended after September 30, 2022. As part of the review and selection process described in Section E.2., DOT will consider whether a project is ready to proceed with an obligation of grant funds from DOT within the statutory time provided. Under the FY 2015 Appropriations Act, no waiver is possible for these deadlines.

**Program POC:** Robert Mariner, TIGER Program Manager, (202) 366-8914

**Further Information:** <http://www.grants.gov/web/grants/search-grants.html?keywords=transit security grant program>

**How to Apply:** After the pre-application with the TIGER program, applicants must use Grants.gov which means they must be registered ([http://www.grants.gov/applicants/get\\_registered.jsp](http://www.grants.gov/applicants/get_registered.jsp)) apply for funding. Registration with grants.gov may take two to five days before the system will allow access to the grant application package. Applicants must review the Notice of Funding Availability to ensure the process is completely correctly.

**Authorization:** FY15 Appropriations Act

# ENVIRONMENTAL PROTECTION AGENCY

## POLLUTION PREVENTION GRANT PROGRAM

**Category:** Environmental/Maritime

**Funding Method:** Grant/Cooperative Agreement with Cost-Match

**Purpose:** To provide businesses with technical advice, on-site technical assistance, classroom training, professional certification, etc. Projects should highlight: 1) the business recipient of the technical assistance/training activity; 2) the type of technical assistance and/or training activity; 3) how, when and where the technical assistance/training will be provided; and 4) how the technical assistance/training will be assessed to measure environmental performance, and environmental and human health concerns.

**Who is Eligible:** Eligible applicants include the fifty states, the District of Columbia, the U.S. Virgin Islands, the Commonwealth of Puerto Rico, any territory or possession of the U.S. (40 CFR 35.345), any agency or instrumentality of a state, including state colleges/universities, federally-recognized tribes that meet the requirements for treatment in a manner similar to a state (40 CFR 35.663) and intertribal consortia (40 CFR 35.504).12

**Eligibility Criteria:**

Proposals must include the following items to be eligible to review: 1. Proposals must substantially comply with all P2 grant program requirements. These are numbered 1-9 in Section I.D of the (NOFA) Request for Proposals (RFP); 2. Proposals must address one or more of the national P2 emphasis areas (Section I.B); 3. Proposals must address one or more of the Region’s priority areas. (Section I.C); And 4. If a proposal includes ineligible tasks or activities (i.e., those not considered to be pollution prevention) that portion of the proposal will be ineligible for funding and may, depending on the extent to which it affects the proposal, render the entire proposal ineligible for funding. Proposal packages must also substantially comply with the submission instructions and requirements set forth in Section IV of the (NOFA) RFP to be considered for funding.

<b>Program POC:</b>	Michele Amhaz, amhaz.michele@epa.gov, 202-564-8857
<b>Further Information:</b>	<a href="http://www2.epa.gov/sites/production/files/2015-03/documents/2015rfpp2grant.pdf">http://www2.epa.gov/sites/production/files/2015-03/documents/2015rfpp2grant.pdf</a>
<b>How to Apply:</b>	If an applicant cannot apply through Grants.gov, the applicant must contact OGDWaivers@epa.gov or the address listed below in writing at least 15 calendar days prior to request approval to submit their application : OGD Waivers c/o Barbara Perkins USEPA Headquarters William Jefferson Clinton Building 1200 Pennsylvania Ave., N.W. Mail Code: 3903R Washington, DC 20460 Courier Address: OGD Waivers c/o Barbara Perkins Ronald Reagan Building 1300 Pennsylvania Ave., N.W. Rm # 51267 Washington, DC 20004. In the request, the applicant must include Funding Opportunity Number (FON); Organization Name and DUNS Organization’s Contact Information (email address and phone number). The applicant will also need to submit an explanation of how their organization lacks the technical capability to apply through Grants.gov because of: 1) limited internet access or 2) no internet access preventing submitted electronically. Applicants should confirm receipt of their proposals with their applicable Region noted as soon as possible after the submission deadline. Applicants must adhere to the page limit requirement of 10 pages or fewer.
<b>Authorization:</b>	Pollution Prevention Act, 1990

# ENVIRONMENTAL PROTECTION AGENCY

## NATIONAL WETLAND PROGRAM DEVELOPMENT GRANTS

**Category:** Environmental/Maritime

**Funding Method:** Grant/Cost-Match

**Purpose:** To build state and tribal wetland programs. A secondary focus is to build local (e.g. county or municipal) programs.

**Who is Eligible:** Nonprofits, interstate agencies, and intertribal consortia are eligible to apply for WPDGs under this announcement.

**Eligibility Criteria:** Applicants must demonstrate in their proposal submission how they will meet the cost share/match requirements in Section III.B, of this announcement. Projects must be nationwide in scope or performed within one or more of the states of more than one EPA. Proposals must substantially comply with the proposal submission instructions and requirements set forth in Section IV, PROPOSAL AND SUBMISSION INFORMATION, of this announcement. All proposals submitted under this RFP must be for projects that build or refine state/tribal/local government wetland programs. Accordingly, all applicants must demonstrate in their proposal how their proposed project will build or refine a state/tribal/local government wetland program as defined in the NOFA. Finally, demonstration projects must involve new or experimental technologies, methods, or approaches, where the results of the project will be disseminated so that others can benefit from the knowledge gained.

**Program POC:** Myra Price, price.myra@epa.gov, 202-566-1225

**Further Information:** [http://water.epa.gov/grants\\_funding/wetlands/grantguidelines/index.cfm](http://water.epa.gov/grants_funding/wetlands/grantguidelines/index.cfm)

**How to Apply:** Proposals must be submitted through Grants.gov (except in the limited circumstances where another mode of submission is specifically allowed for as explained in Section IV) . Applicants should confirm receipt of their proposal with Myra Price as soon as possible after the submission deadline—failure to do so may result in your proposal not being reviewed. Applicant may submitted more than one proposal under this RFP

**Authorization:** Clean Water Act



# ENVIRONMENTAL PROTECTION AGENCY

## 2015 TARGETED AIR SHED GRANT PROGRAM

**Category:** Environmental/Maritime

**Funding Method:** Competitive Grant

**Purpose:** This program will assist local, state and/or tribal air control agencies in developing plans, conducting demonstrations, and implementing projects in order to reduce air pollution in nonattainment areas that EPA determines are the top five most polluted areas relative to ozone (O<sub>3</sub>) or annual average fine particulate matter (PM<sub>2.5</sub>) National Ambient Air Quality Standards (NAAQS). The overall goal of the Targeted Air Shed Grant program is to reduce air pollution in the Nation's areas with the highest levels of ozone and PM<sub>2.5</sub> ambient air concentrations.

**Who is Eligible:** Air pollution control agencies, as defined by Section 302(b) of the CAA, that: (a) have responsibilities for development and/or implementation of a State Implementation Plan (SIP) or Tribal Implementation Plan (TIP) to attain and maintain national ambient air quality standards for either ozone or PM<sub>2.5</sub> within an area identified in Section I.A of this announcement, and (b) have an active air program grant under Section 103 or 105 of the CAA to carry out those responsibilities.

**Eligibility Criteria:**

Applications must support EPA Strategic Plan Goal 1, "Addressing Climate Change and Improving Air Quality". (See Section I of the RFA). Proposed activities must be for emission reduction activities assisting in complying with the NAAQS for these pollutants, and that demonstrate the potential for inclusion in the affected jurisdiction's SIP or TIP submission to EPA intended to meet those standards. Proposed activities must take place in at least one of the nonattainment areas identified in Section I.A of this announcement and be designed to achieve reductions in direct PM<sub>2.5</sub>, ozone precursors and/or PM<sub>2.5</sub> precursor emissions (NO<sub>x</sub>, CO, VOC, direct PM<sub>2.5</sub>, SO<sub>2</sub> and ammonia) in one or more of the designated nonattainment areas identified in Section I.A. Proposed activities must be to implement emission reductions; applications only including planning exercises will not be awarded. The maximum amount of federal funding that may be requested by an applicant in an application is \$3,000,000. Applications requesting more than \$3,000,000 will be rejected. And if a proposal is submitted that includes any ineligible tasks or activities, that portion of the proposal will be ineligible for funding and may, depending on the extent to which it affects the proposal, render the entire proposal ineligible for funding. Further, proposed activities must be designed to achieve quantifiable reductions in ozone precursor emissions and/or direct PM<sub>2.5</sub> or PM<sub>2.5</sub> precursor emissions in one or more of the designated nonattainment areas identified above in Section I.A by addressing one or more of the following priority emissions-generating or emissions-reducing activities.

**Program POC:** Maureen Hingeley, 202-564-1306.

**Further Information:** <http://www.epa.gov/air/grants/rfa-epa-oar-oaqps-15-04.pdf>

**How to Apply:** Initial applications must be submitted through [www.grants.gov](http://www.grants.gov) as stated in Section IV of this announcement (except in the limited circumstances where another mode of submission is specifically allowed for as explained in Section IV) on or before the application submission deadline (June 1, 2015) published in Section IV of this announcement.

**Authorization:** 2015 Appropriations Act

# ENVIRONMENTAL PROTECTION AGENCY

## SOURCE REDUCTION ASSISTANCE GRANT PROGRAM

**Category:** Environmental/Maritime

**Funding Method:** Grant/Cooperative Agreement with Cost-Match

**Purpose:** To support pollution prevention/source reduction and/or resource conservation projects that reduce or eliminate pollution at the source.

**Who is Eligible:** Eligible applicants include: the fifty states, the District of Columbia, the United States Virgin Islands, the Commonwealth of Puerto Rico, any territory or possession of the United States, local governments, city or township governments, independent school district governments, state controlled institutions of higher education, non-profit organizations (other than institutions of higher education), private institutions of higher education, community-based grassroots organizations, and federally-recognized tribes and intertribal consortia. Individuals, private business/entrepreneurs, and nonprofit organizations described in Section 501(c)(4) of the Internal Revenue Code that engage in lobbying activities as defined in Section 3 of the Lobbying Disclosure Act of 1995 are not eligible for funding under this announcement.

**Eligibility Criteria:** Proposals must meet the Threshold Program Requirements provided below at the time of submission to be considered for funding. The Region will evaluate proposals based on these preliminary requirements. If applicants are found ineligible, emails or letters will be sent within 15 calendar days after the Region reaches its decision. Also, proposals must include the following items to be eligible for review. 1. Proposals must address one or more of the national emphasis areas (Section I.A); 2. Proposals must address one or more of the Region's priority areas. (Section I.B); 3. Proposals must substantially comply with all SRA grant program requirements. These are numbered 1-8 (Section I.C); 4. If a proposal includes ineligible tasks or activities (i.e., those not considered to be P2/source reduction) that portion of the proposal will be ineligible for funding and may, depending on the extent to which it affects the proposal, render the entire proposal ineligible for funding. C. Threshold Submission Requirements: This section addresses how applicants should prepare and submit proposal packages in ordered to be considered for funding. Finally, be sure to refer to the Request for Proposals for more information.

**Program POC:** Michele Amhaz, amhaz.michele@epa.gov, 202-564-8857

**Further Information:** <http://www2.epa.gov/sites/production/files/2015-04/documents/srap15.pdf>

**How to Apply:** If an applicant cannot apply through Grants.gov, the applicant must contact OGDWaivers@epa.gov or the address listed below in writing (e.g., by hard copy, email) at least 15 calendar days prior to request approval to submit their application by mail: OGD Waivers c/o Barbara Perkins USEPA Headquarters William Jefferson Clinton Building 1200 Pennsylvania Ave., N.W. Mail Code: 3903R Washington, DC 20460 Courier Address: OGD Waivers c/o Barbara Perkins Ronald Reagan Building 1300 Pennsylvania Ave., N.W. Rm # 51267 Washington, DC 20004. In the request, the applicant must include Funding Opportunity Number (FON); Organization Name and DUNS Organization's Contact Information (email address and phone number). The applicant will also need to submit an explanation of how their organization lacks the technical capability to apply electronically through Grants.gov because of: 1) limited internet access or 2) no internet access preventing submitted electronically.

**Authorization:** Clean Air; Clean Water Act, Federal Insecticide, Fungicide, and Rodenticide; Safe Drinking Water; Solid Waste Disposal; & Toxic Substances Control

# ENVIRONMENTAL PROTECTION AGENCY

## NATIONAL PRIORITIES: LIFE CYCLE COSTS OF WATER INFR. ALTERNATIVES

**Category:** Environmental/Maritime

**Funding Method:** Grant/Cost-Match

**Purpose:** To propose research focused on developing tools and models that compare the life-cycle costs of green, grey, and hybrid forms of stormwater water infrastructure.

**Who is Eligible:** Nonprofit organizations and nonprofit colleges and universities located in the United States are eligible. Foreign entities, individuals, States, including the District of Columbia and State and local government departments, territories, possessions, and Tribal nations of the U.S., are not eligible to apply under this RFA. Profit-making firms are not eligible to receive assistance agreements from EPA under this program.

**Eligibility Criteria:**

• Development of methods, approaches and models to estimate the life-cycle cost of grey versus green or hybrid green/grey water infrastructure, having national applicability and focusing on infrastructures across multiple scales. • Transferability to different regions of the United States, be able to account for regional variations in costs, and be applicable to extreme weather events. • Help users to estimate the life-cycle costs of infrastructure projects in a simple and understandable manner. Furthermore, be scientifically robust and transparently convey uncertainties in the analyses. Models should be non-proprietary, open-source and based on open-access data. Principal investigators should describe how they intend to develop their life-cycle cost models in a manner that can be shared with the general public in a programming language that is generally accessible, including spreadsheet-based models as well as Python or C++. Moreover, they should describe how they intend to share data in an open, machine-readable format such as XML. They should also describe how they intend to document the metadata so that any secondary user will understand the data sources, consistent with the best practices articulated by EPA's data quality guidelines. Expected outcomes of the awards under this RFA include an improved understanding of the life-cycle costs of grey versus green or hybrid green/grey water infrastructure. The research should help state, local and other decision makers understand the consequences of installing or extending these infrastructure alternatives. The expected outputs include guidance documents, decision support tools, models, demonstration and case studies, reports, presentations, and peer-reviewed journal publications. To the extent practicable, research proposals must embody innovation and sustainability. Research proposals must include a discussion on how the proposed research is innovative (see Section IV.C.5.a).

**Program POC:** Pasky Pascual (pascual.pasky@epa.gov), 703-347-8056

**Further Information:** <http://epa.gov/ncer/rfa/2015/2015-natl-priorities.html>

**How to Apply:** To apply under this solicitation, use the application package available at Grants.gov (for further submission information see Section IV.F. "Submission Instructions and other Submission Requirements"). The necessary forms for submitting an application will be found on the National Center for Environmental Research (NCER) web site, Forms and Standard Instructions Download Page. Allow up to a month to register on Grants.gov, including the your organization should have a unique entity identifier and a current registration with the System for Award Management (SAM). Applicants must ensure that all registration requirements are met to apply for this opportunity through Grants.gov and should ensure that all such requirements have been met well in advance of the submission deadline. This registration, and electronic submission of your application, must be performed by an authorized representative of your organization.

**Authorization:** Consolidated and Further Continuing Appropriations Act, 2015, P.L. 113-325 and the Clean Water Act, Section 104, 33 U.S.C. 1254.

# ENVIRONMENTAL PROTECTION AGENCY

## REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS

**Category:** Environmental/Maritime

**Funding Method:** Grant/Cost-Match

**Purpose:** To build state and tribal wetland programs. A secondary focus is to build local (e.g. county or municipal) programs.

**Who is Eligible:** States, tribes, local government agencies, universities that are agencies of a state, interstate agencies, and intertribal consortia are eligible to apply for WPDGs under this announcement. Tribes must be federally-recognized, although “Treatment as a state” status is not required. As explained in Section I, there will be two separate applicant tracks with states and tribes in Track One or Track Two, and local governments, interstate agencies, intertribal consortia, and universities that are agencies of a state government in Track Two.

**Eligibility Criteria:** Applicants must demonstrate in their proposal submission how they will meet the cost share/match requirements in Section III.B, of this announcement. Projects must be performed within one or more of the states of the EPA Region that they are applying for funding. Applicants need not be located within the boundaries of the EPA Region to be eligible to apply for funding so long as the project will be performed within the geographic boundaries of the Region. Proposals must substantially comply with the proposal submission instructions and requirements set forth in Section IV, PROPOSAL AND SUBMISSION INFORMATION, of this announcement. All proposals submitted under this RFP, regardless of track, must be for projects that build or refine state/tribal/local government wetland programs. Accordingly, all applicants must demonstrate in their proposal how their proposed project will build or refine a state/tribal/local government wetland program as defined in the NOFA. Finally, demonstration projects must involve new or experimental technologies, methods, or approaches, where the results of the project will be disseminated so that others can benefit from the knowledge gained.

**Program POC:** Myra Price, price.myra@epa.gov, 202-566-1225

**Further Information:** [http://water.epa.gov/grants\\_funding/wetlands/grantguidelines/index.cfm](http://water.epa.gov/grants_funding/wetlands/grantguidelines/index.cfm)

**How to Apply:** Proposals must be submitted through Grants.gov (except in the limited circumstances where another mode of submission is specifically allowed for as explained in Section IV). Applicants should confirm receipt of their proposal with each Region's point of contact as soon as possible after the submission deadline—failure to do so may result in your proposal not being reviewed. Also, applicants may submit more than one proposal under this RFP under the applicable tracks. Each proposal must be separately submitted. In addition, state and tribal applicants may submit different proposals under either track but each proposal must be separately submitted. State and tribal applicants cannot submit one proposal covering both tracks.

**Authorization:** Clean Water Act

# ENVIRONMENTAL PROTECTION AGENCY

## CLEAN DIESEL FUNDING ASSISTANCE PROGRAM, FY2015

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To achieve significant reductions in diesel emissions in terms of tons of pollution produced by diesel engines and diesel emissions exposure, particularly from fleets operating at or servicing goods movement facilities located in areas designated as having poor air quality.

**Who is Eligible:** Eligible entities include regional, state, local or tribal agencies (or intertribal consortia) or port authorities with jurisdiction over transportation or air quality, and nonprofit organizations or institutions that: a) represent or provide pollution reduction or educational services to persons or organizations that own or operate diesel fleets or b) have, as their principal purpose, the promotion of transportation or air quality.

**Eligibility Criteria:** Eligible diesel emission reduction solutions include verified emission control technologies such as exhaust controls, cleaner fuels, and engine upgrades, verified idle reduction technologies, verified aerodynamic technologies and low rolling resistance tires, certified engine repowers, and/or certified vehicle or equipment replacement. Eligible diesel vehicles, engines and equipment may include buses, Class 5 – Class 8 heavy-duty highway vehicles, marine engines, locomotives and nonroad engines, equipment or vehicles used in construction, handling of cargo (including at a port or airport), agriculture, mining or energy production (including stationary generators and pumps). Further, priority for funding may be given to projects which result in outcomes that benefit affected communities, those that engage local communities with respect to the design and performance of the project, and those which can demonstrate the ability to promote and continue efforts to reduce emissions after the project has ended. See the NOFA for the "Summary of What EPA Will Fund."

**Program POC:** Faye Swift, swift.faye@epa.gov, 202-343-9147

**Further Information:** [http://www.grants.gov/web/grants/search-grants.html?keywords=clean diesel grants](http://www.grants.gov/web/grants/search-grants.html?keywords=clean+diesel+grants)

**How to Apply:** Applicants must submit their proposals electronically through [www.grants.gov](http://www.grants.gov) as explained in Appendix A. For more information on the registration requirements that must be completed to submit an application through [grants.gov](http://www.grants.gov), go to [www.grants.gov](http://www.grants.gov) and click on "Applicants" on the top of the page and then go to the "Get Registered" link on the page. If your organization is not currently registered with [Grants.gov](http://www.grants.gov), please encourage your office to designate an Authorized Organization Representative (AOR) and ask that individual to begin the registration process as soon as possible. Note the registration process also requires that your organization have a DUNS number and a current registration with the System for Award Management (SAM). Applicants must ensure that all registration requirements are met to apply for this opportunity through [grants.gov](http://www.grants.gov) and should ensure that all such requirements have been met well in advance of the submission deadline. Registration on [grants.gov](http://www.grants.gov), [SAM.gov](http://www.sam.gov), and DUNS number assignment is FREE.

**Authorization:** Diesel Emissions Reduction Act, 2010.

# NATIONAL SCIENCE FOUNDATION

## STRUCTURAL AND ARCHITECTURAL ENGINEERING (SAE)

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** The goal of PD 15-1637, the Structural and Architectural Engineering (SAE) program is to evolve sustainable structures, such as buildings, that can be continuously occupied and /or operational during the structure's useful life. The program replaces the Hazard Mitigation and Structural Engineering (HMSE) program.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:**

The SAE program supports fundamental research for advancing knowledge and innovation in structural and architectural engineering enabling a holistic approach to design, construction, operation, maintenance, retrofit, repair and end-of-life disposal of structures. Research topics of interest for sustainable structures include the following: strategies for structures that over their lifecycle are cost-effective, make efficient use of resources and energy, and incorporate sustainable structural and architectural materials; and other factors. Also, research is encouraged that integrates discoveries from other science and engineering fields, such as materials science, building science, mechanics of materials, dynamic systems and control, reliability, risk analysis, architecture, economics and human factors. The program also supports research in sustainable and holistic foundation-structure-envelope-nonstructural systems and materials as described in the following reports: - National Science and Technology Council, High Performance Buildings; Final Report: Federal R & D Agenda for Net Zero Energy, High-Performance Green Buildings. Building Technology Research and Development (BTRD) Subcommittee; - Ochsendorf, John, Challenges and Opportunities for Low-Carbon Buildings, The Bridge. Finally, structural health monitoring that focuses on decision-making systems for civil structures is of-interest. Proposals that focus on the performance and mitigation of structures subjected to natural hazards, such as earthquakes, windstorms (tornadoes and hurricanes), tsunamis, and landslides, should be submitted to the Engineering for Natural Hazards Program. Research addressing blast loads and fire effects on building systems, and computational modeling and simulation supported by the multi-Directorate Computational and Data-Enabled Science and Engineering, program are not supported by SAE.

**Program POC:** Kishor Mehta, kimehta@nsf.gov, (703) 292-7081

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503259&org=NSF](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503259&org=NSF)

**How to Apply:** To apply to PD 15-1637 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## PHYSICAL OCEANOGRAPHY

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To support research on a wide range of topics associated with the structure and movement of the ocean, with the way in which it transports various quantities, with the way the ocean's physical structure interacts with the biological and chemical processes within it, and with interactions between the ocean and the atmosphere, solid earth and ice that surround it.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity).

**Eligibility Criteria:**

For a complete list of research funded through this program, go to <http://www.nsf.gov/awardsearch/advancedSearchResult?ProgEleCode=1610&BooleanElement=ANY&BooleanRef=ANY&ActiveAwards=true&>.

**Program POC:** Eric C. Itsweire, [eitsweir@nsf.gov](mailto:eitsweir@nsf.gov), (703) 292-8582 ; Baris M. Uz, [bmuz@nsf.gov](mailto:bmuz@nsf.gov), (703) 292-4557.

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12729](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12729)

**How to Apply:** To apply to PD 98-1610 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014.

**Authorization:**



# NATIONAL SCIENCE FOUNDATION

## SERVICE, MANUFACTURING AND OPERATIONS RESEARCH

**Category:** Freight Planning

**Funding Method:**

**Purpose:** The SMOR program supports two main types of research: (i) innovations in general-purpose methodology related to optimization, stochastic modeling, and decision and game theory; and (ii) research grounded in relevant applications that require the development of novel and customized analytical and computational methodologies.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:** This program supports fundamental research leading to the creation of innovative mathematical models, analysis, and algorithms for decision-making related to design, planning, and operation of service, manufacturing, and other complex systems. Application areas of interest include supply chains and logistics; risk management; healthcare; environment; energy production and distribution; mechanism design and incentives; production planning, maintenance, process monitoring and quality control; and national security. Of particular interest are methods that incorporate increasingly rich and diverse sources of data to support decision-making.

**Program POC:** Diwakar Gupta, [dgupta@nsf.gov](mailto:dgupta@nsf.gov), (703) 292-7902

**Further Information:** [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=505202](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505202)

**How to Apply:** Apply to PD 15-006Y as follows: For full proposals submitted via FastLane: standard Grant Proposal Guide proposal preparation guidelines apply. For full proposals submitted via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide))

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## INTERDISCIPLINARY RESEARCH IN HAZARDS AND DISASTERS (HAZARDS SEES)

**Category:** Resilience

**Funding Method:**

**Purpose:** The overarching goal of Hazards SEES is to catalyze well-integrated interdisciplinary research efforts in hazards-related science and engineering in order to reduce the impact of hazards, enhance the safety of society, and contribute to sustainability.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:**

Hazards SEES is a program involving multiple NSF Directorates and Offices (CISE, ENG, GEO, MPS, OIIA, and SBE) seeking to: (1) advance understanding of the fundamental processes associated with specific natural hazards and technological hazards linked to natural phenomena, and their interactions; (2) better understand the causes, interdependences, impacts, and cumulative effects of these hazards on individuals, the natural and built environment, and society as a whole; and (3) improve capabilities for forecasting or predicting hazards, mitigating their effects, and enhancing the capacity to respond to and recover from resultant disasters. Hazards SEES seeks research projects that will productively cross the boundaries of the atmospheric and geospace, earth, and ocean sciences; computer and information science (including cyberinfrastructure); engineering; mathematics and statistics; and social, economic, and behavioral sciences. Successful proposals will integrate across multiple disciplines to promote research that advances new paradigms that contribute to creating a society resilient to hazards. Hazards SEES intends to transform hazards and disaster research by fostering the development of interdisciplinary research that allows for appropriately targeted data collection, integration, and management; modeling (including predictive models for real-time decision making); visualization and simulation; data analytics and data-driven discovery; real-time sensing; cross-cutting knowledge development; and synthesis of applicable models and theory. Proposals must demonstrate the inclusion of the appropriate expertise to address the research questions, hypotheses, and problems being posed.

<b>Program POC:</b>	Gregory Anderson, Amanda S. Adams, Stephen Meacham, Anita Nikolich, Junping Wang, Leah Nichols, Donna Blackman, Kishor Mehta, Robert E.
<b>Further Information:</b>	<a href="https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504804">https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504804</a>
<b>How to Apply:</b>	Letters of Intent: Submission of Letters of Intent is required.; Preliminary Proposal Submission: Not requiredFull Proposals: Full Proposals submitted via FastLane: NSF Proposal and Award Policies and Procedures Guide, Part I: Grant Proposal Guide (GPG) Guidelines apply. The complete text of the GPG is available electronically on the NSF website at: <a href="http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg">http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg</a> . Full Proposals submitted via Grants.gov: NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines apply (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: <a href="http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide">http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide</a> )
<b>Authorization:</b>	

# NATIONAL SCIENCE FOUNDATION

## CYBER-PHYSICAL SYSTEMS

**Category:** Cyber-Infrastructure

**Funding Method:** Discretionary Grant

**Purpose:** To develop the core system science needed to engineer complex cyber-physical systems which people can use or interact with and depend upon.

**Who is Eligible:** Proposals may only be submitted by the following: Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic institutions. Non-profit, non-academic organizations: Independent museums, observatories, research labs, professional societies and similar organizations in the U.S. associated with educational or research activities.

**Eligibility Criteria:** The program aims to foster a research community committed to advancing research and education in CPS and to transitioning CPS science and technology into engineering practice. By abstracting from the particulars of specific systems and application domains, the CPS program seeks to reveal cross-cutting fundamental scientific and engineering principles that underpin the integration of cyber and physical elements across all application sectors. To expedite and accelerate the realization of cyber-physical systems in a wide range of applications, the CPS program also supports the development of methods, tools, and hardware and software components based upon these cross-cutting principles, along with validation of the principles via prototypes and testbeds. We have also seen a convergence of CPS technologies and research thrusts that underpin "Smart Cities" and the Internet of Things. These domains offer new and exciting challenges for foundational research and provide opportunities for maturation at multiple time horizons.

**Program POC:** David Corman (dcorman@nsf.gov, (703) 292-8754); Radhakisan Baheti (rbaheti@nsf.gov, (703) 292-8339),

**Further Information:** [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503286](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503286). Also, see <http://www.cccb.org/2014/03/07/nsf-expands-cyber-physical-systems-program-to-include-dhs-dot/> for interagency effort with DHS & DOT.

**How to Apply:** Letters of Intent: Not required; Preliminary Proposal Submission: Not required Full Proposals: Full Proposals submitted via FastLane: NSF Proposal and Award Policies and Procedures Guide, Part I: Grant Proposal Guide (GPG) Guidelines apply. The complete text of the GPG is available electronically on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=gpg](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg). Full Proposals submitted via Grants.gov: NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines apply (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide))

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## CRITICAL RESILIENT INTERDEPENDENT INFRASTRUCTURE SYSTEMS AND PROCESSES

*Category:* Resilience

*Funding Method:*

**Purpose:** To (1) foster an interdisciplinary research community of engineers, computer, computational, social and behavioral scientists creating new approaches and solutions for the design and operation of various infrastructure; (2) enhance the understanding & design of interdependent critical infrastructure systems (ICIs) and processes providing essential goods and services despite disruptions and failures ; (3) create the knowledge for innovation in ICIs so they expand the range of goods and services they enable; and (4) improve the effectiveness & efficiency with which they deliver goods & services.

**Who is Eligible:** Proposals may only be submitted by the following: Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic institutions.

**Eligibility  
Criteria:**

The CRISP solicitation seeks proposals with transformative ideas that will ensure ICI services are effective, efficient, dependable, adaptable, resilient, safe, and secure. Successful proposals are expected to study multiple infrastructures focusing on them as interdependent systems that deliver services, enabling a new interdisciplinary paradigm in infrastructure research. To meet the interdisciplinary criterion, proposals must broadly integrate across engineering, computer, information and computational science, and the social, behavioral and economic (SBE) sciences. Projects supported under this solicitation may undertake the collection of new data or use existing curated data depending on the category of award, and must recognize that a primary objective is integrative, predictive modeling that can use the data to validate the models and that can be integrated into decision making.

**Program POC:** Elise Miller-Hooks (elisemh@nsf.gov, (703) 292-2162), Bruce Hamilton (bhamilto@nsf.gov, (703) 292-7066)

**Further Information:** [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=505180](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505180)

**How to Apply:** Letters of Intent: Not required; Preliminary Proposal Submission: Not required Full Proposals: Full Proposals submitted via FastLane: NSF Proposal and Award Policies and Procedures Guide, Part I: Grant Proposal Guide (GPG) Guidelines apply. The complete text of the GPG is available electronically on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=gpg](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg). Full Proposals submitted via Grants.gov: NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines apply (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide))

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## ENERGY FOR SUSTAINABILITY

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** To support fundamental engineering research and education that will enable innovative processes for the sustainable production of electricity and transportation fuels.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:**

Current topics of interest in sustainable energy technologies include Advanced Batteries for Transportation and Renewable Energy Storage. Radically new battery systems or breakthroughs based on existing systems can move the US more rapidly toward a more sustainable transportation future. The focus is on high-energy density and high-power density batteries suitable for transportation and renewable energy storage applications. Advanced systems such as lithium-air, sodium-ion, as well as lithium-ion electrochemical energy storage are appropriate. Work on commercially available systems such as lead-acid and nickel-metal hydride batteries will not be considered by this program. Fuel-cell related proposals should be directed to other CBET programs, depending on emphasis: electrocatalysis (Catalysis and Biocatalysis, CBET 1401); membranes (Chemical and Biological Separations, CBET 1417); systems (Process and Reaction Engineering, CBET 1403).

**Program POC:** Gregory L. Rorrer, [gorrer@nsf.gov](mailto:gorrer@nsf.gov), (703) 292-8045

**Further Information:** [http://www.grants.gov/web/grants/search-grants.html?keywords=transit security grant program](http://www.grants.gov/web/grants/search-grants.html?keywords=transit%20security%20grant%20program)

**How to Apply:** To apply to PD 14-7644 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## ENVIRONMENTAL SUSTAINABILITY

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** To promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:**

There are four principal general research areas that are supported:

- **Industrial Ecology:** Topics of interest in Industrial Ecology include advancements in modeling such as life cycle assessment, materials flow analysis, input/output economic models, and novel metrics for measuring sustainable systems. Innovations in industrial ecology are encouraged.
- **Green Engineering:** Research is encouraged to advance the sustainability of manufacturing processes, green buildings, and infrastructure. Many programs in the Engineering Directorate support research in environmentally benign manufacturing or chemical processes. The Environmental Sustainability program supports research that would affect more than one chemical or manufacturing process or that takes a systems or holistic approach to green engineering for infrastructure or green buildings. Improvements in distribution and collection systems that will advance smart growth strategies and ameliorate effects of growth are research areas that are supported by Environmental Sustainability. Innovations in management of storm water, recycling and reuse of drinking water, and other green engineering techniques to support sustainability may also be fruitful areas for research.
- **Ecological Engineering:** Topics should focus on the engineering aspects of restoring ecological function to natural systems. Engineering research in enhancement of natural capital to foster sustainable development is encouraged.
- **Earth Systems Engineering:** Earth Systems Engineering considers aspects of large scale engineering research that involve mitigation of greenhouse gas emissions, adaptation to climate change, and other global scale concerns.

**Program POC:** Bruce Hamilton, bhamilto@nsf.gov, (703) 292-7066

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501027](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027)

**How to Apply:** Apply to PD 14-7643 as follows: For full proposals submitted via FastLane: standard Grant Proposal Guide proposal preparation guidelines apply. For full proposals submitted via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide)).

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## DECISION FRAMEWORKS FOR MULTI-HAZARD RESILIENT & SUSTAINABLE BUILDINGS

**Category:** Resilience

**Funding Method:** Grant (No Match)

**Purpose:** To advance knowledge for new concepts for multi-hazard resilient and sustainable SFSE building systems using decision frameworks for selection among alternative building system designs.

**Who is Eligible:** Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic institutions. And there are no restrictions on who may serve as the Principal Investigator.

**Eligibility Criteria:** Multidisciplinary collaborations are essential for this research. Proposals must broadly integrate across the fields of architecture; engineering; material, environmental, social, behavioral, and economic sciences; and other disciplines necessary to address the research scope. Research supported under this solicitation may include computational, analytical, and/or experimental work. Research may also undertake the collection of new data or the use of existing data, but the data must be integral to the decision framework. This solicitation does not support research that generically addresses materials research or decision frameworks outside the context of decision making for multihazard resilient and sustainable SFSE building systems.

**Program POC:** Joy M. Pauschke [jpauschk@nsf.gov, (703) 292-7024], Kishor Mehta [kimehta@nsf.gov, (703) 292-7081]

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=6192&org=NSF](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6192&org=NSF)

**How to Apply:** To apply to NSF 14-557 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014. Further, no letter of intent or preliminary proposal submission is required.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## GEOTECHNICAL ENGINEERING & MATERIALS

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** This new Program supports fundamental research in soil and rock mechanics and dynamics in support of physical civil infrastructure systems.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:**

This program also supports research on the improvement of the engineering properties of geologic materials by mechanical, biological, thermal, chemical, and electrical processes. The Program supports civil engineering applications in the traditional areas of foundation engineering, earth structures, underground construction, tunneling, geoenvironmental engineering, and site characterization, as well as the emerging area of bio-geo engineering, with emphasis on sustainable geosystems. Research related to the geotechnical engineering aspects of geothermal energy and geothermal heat pump systems is also supported. Also, the GEM program encourages knowledge dissemination and technology transfer activities that can lead to broader societal benefit and implementation for provision of physical civil infrastructure. The program supports relevant research topics that address the emerging areas of geotechnical engineering and the Grand Challenges to “restore and improve urban infrastructure” and “provide access to clean water” described in the following reports: 1.) National Research Council, Geological and Geotechnical Engineering in the New Millennium: Opportunities for Research and Technical Innovation. 2.) National Academy of Engineering, Grand Challenges for Engineering, Research focused on natural hazards, such as earthquakes, windstorms, tsunamis and landslides should be submitted to the Engineering for Natural Hazards (ENH) Program (PD 15-7396), unless the research is directed at fundamental soil/rock behavior rather than system behavior such as foundations or levees. Research on natural resource exploration or recovery is not supported by this Program.

**Program POC:** Richard J. Fragaszy, rfragasz@nsf.gov, (703) 292-7011

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13351&org=NSF](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13351&org=NSF)

**How to Apply:** To apply to PD 15-1636 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPP), effective December 26, 2014.

**Authorization:**



# NATIONAL SCIENCE FOUNDATION

## ENGINEERING FOR NATURAL HAZARDS

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** To prevent natural hazards from becoming disasters, and to broaden consideration of natural hazards independently to the consideration of the multi-hazard environment within which the constructed civil infrastructure exists.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:**

Research considering civil infrastructure design and performance for multiple hazards is encouraged. Research may integrate geotechnical, structural, and architectural engineering advances, materials science, mechanics of materials, dynamical systems and control, systems engineering, decision theory, risk analysis, high performance computational modeling and simulation, and social, behavioral, and economic sciences. Multi-disciplinary and international collaborations are encouraged. Research topics of interest include advances in system-level design concepts for new and existing sustainable civil infrastructure to achieve desired lifetime system-level performance under single or multi-hazard loadings; advances in geotechnical engineering for design and construction of natural hazard-resistant foundations and geostructures, liquefaction mitigation, soil-foundation-structure interaction, levee and earth dam stability, and landslide, mudflow and debris flow analysis and mitigation, with a focus on field or system performance; applications of decision theory for design concepts for civil infrastructure to achieve desired lifetime system-level performance for both multi-hazard resilience and sustainability; and advances in computational modeling and simulation that integrate theory, computation, experimentation, and data, as appropriate, to advance natural hazard mitigation for civil infrastructure. This program will also support research that addresses the grand research challenges for earthquake and wind engineering impact reduction. Finally, ENH-supported research will contribute to NSF's role in the National Earthquake Hazards Reduction Program, created by the Earthquake Hazards Reduction Act of 1977, and the National Windstorm Impact Reduction Program, created by the National Windstorm Impact Reduction Act of 2004.

**Program POC:** Joy M. Pauschke, [jpauschk@nsf.gov](mailto:jpauschk@nsf.gov), (703) 292-7024; Richard J. Fragaszy, [rfragasz@nsf.gov](mailto:rfragasz@nsf.gov), (703) 292-7011

**Further Information:** [http://www.grants.gov/web/grants/search-grants.html?keywords=engineering for natural hazards](http://www.grants.gov/web/grants/search-grants.html?keywords=engineering%20for%20natural%20hazards)

**How to Apply:** To apply to PD 15-7396 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## NATURAL HAZARDS ENGINEERING RESEARCH INFRASTRUCTURE 2015 - 2019 (NHERI)

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** To provide the natural hazards engineering community with access to research infrastructure (earthquake and wind engineering experimental facilities, cyberinfrastructure, computational modeling and simulation tools, and research data), coupled with education and community outreach activities. NHERI will enable research and educational advances that can contribute knowledge and innovation for the nation's

**Who is Eligible:** Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic institutions.

**Eligibility  
Criteria:**

An academic institution may submit up to two proposals as the lead institution, but may not submit more than one proposal as the lead institution. Also, a full proposal involving more than one organization must be submitted as a single administrative package from the lead institution. Additionally, the lead institution cannot be changed after submission of the full proposal. National laboratories and private sector companies, and non-U.S. institutions, may participate in NHERI award activities using their own resources and cannot receive NSF support from an award; however, this shall not be interpreted to prohibit purchases, services, or sales contracts/agreements with these entities. A proposal for an EF, including the RAPID Facility, must be a single academic institution proposal with all proposed facility resources owned, operated, and maintained by the academic institution and located within the United States to facilitate access by NSF-supported users. Further, an individual may appear as the PI or co-PI in no more than one proposal submitted in response to the full proposal deadline.

**Program POC:** Joy M. Pauschke, [jpauschk@nsf.gov](mailto:jpauschk@nsf.gov), (703) 292-7024; Anna-Lee Misiano, [amisiano@nsf.gov](mailto:amisiano@nsf.gov), (703) 292-4339

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503259&org=NSF](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503259&org=NSF)

**How to Apply:** Submission of Letters of Intent is required. A preliminary proposal submission is not required. For full proposals submitted via FastLane, see the NSF Proposal and Award Policies and Procedures Guide, Part I: Grant Proposal Guide (GPG) Guidelines apply. The complete text of the GPG is available electronically on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=gpg](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg). For full proposals submitted via Grants.gov, see NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines apply. Also note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). Finally, there are up to ten anticipated awards: One award for the Network Coordination Office (NCO); one award for the Cyberinfrastructure (CI); one award for the Computational Modeling and Simulation Center (SimCenter); up to seven awards for Experimental Facilities (EFs), which includes one award for the Post-Disaster, Rapid Response Research (RAPID) Facility, and a mix of up to six earthquake engineering EF and wind engineering EF awards.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## INFRASTRUCTURE MANAGEMENT AND EXTREME EVENTS

**Category:** Resilience

**Funding Method:** Discretionary Grant

**Purpose:** The program is focused upon research on the mitigation of, preparedness for, response to, and recovery from multi-hazard disasters. Community and societal resilience and sustainability are important topics within the research portfolio of IMEE. The program is deeply multidisciplinary and attempts to integrate multiple issues from civil, mechanical, transportation, and system engineering, sociology, psychology, economics, geography, political science, urban planning, epidemiology, natural and physical science, and computer science.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity).

**Eligibility Criteria:** The program does not support research on the normal, day-to-day operation of infrastructure systems. Such research should be submitted to the Civil Infrastructure Systems (CIS) program. It also does not support basic research on non-hazard or disaster related structural engineering and geotechnical engineering. Such research should be submitted to the Structural & Architectural Engineering (SAE) and Geotechnical Engineering and Materials (GEM) program. In addition, the program does not support hazard and disaster research that is mechanistic and embedded in traditional, engineering disciplinary frameworks. Such research should be submitted to the Engineering for Natural Hazards (ENH) program.

**Program POC:** Dennis Wenger, [dwenger@nsf.gov](mailto:dwenger@nsf.gov), (703) 292-8606

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13353](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13353)

**How to Apply:** For full proposals submitted via FastLane: standard Grant Proposal Guide proposal preparation guidelines apply. For full proposals submitted via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide))

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## CIVIL INFRASTRUCTURE SYSTEMS

**Category:** Port/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To support fundamental and innovative research necessary for designing, constructing, managing, maintaining, operating and protecting efficient, resilient and sustainable civil infrastructure systems.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity).

**Eligibility Criteria:**

This program focuses on the civil infrastructure as a system in which interactions between spatially-distributed components and intersystem connections exist. Thus, intra- and inter-physical, information and behavioral dependencies of these systems are also of particular interest. Topics pertaining to transportation systems, construction engineering, infrastructure systems and infrastructure management are a focus of this program. Research that considers either or both ordinary and disrupted operating environments is relevant. Methodological contributions pertaining to systems engineering and design, network analysis and optimization, performance management, vulnerability and risk analysis, mathematical and simulation modeling, exact and approximate algorithm development, control theory, statistical forecasting, dynamic and stochastic systems approaches, multi-attribute decision theory, and incorporation of behavioral and social considerations, not excluding other methodological areas or the integration of methods, specific to this application are encouraged. Additional research of interest exploits data/information, and takes advantage of relevant technological advances, such as social media. In general, research that has the promise of long-lasting, cascading (hopefully escalating) impact on the wider research community through its theoretical, scientific, mathematical or computational contributions is valued. Also, the program does not support research with a primary contribution pertaining to individual infrastructure components, materials, sensor technology, extreme event modeling, climate modeling, human factors, structural engineering, geotechnical engineering, environmental sciences, or hydrologic engineering, since these topics do not fall within the scope of the CIS program.

**Program POC:** Elise Miller-Hooks, elisemh@nsf.gov, 703-292-2162.

**Further Information:** [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13352](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13352)

**How to Apply:** To apply to PD-15-1631 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## OCEAN DRILLING

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To advance basic research in the marine geosciences and is supported by the National Science Foundation (NSF) and its international partners.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity). See the program site for more information on other international participants involved.

**Eligibility Criteria:**

In addition to these NSF programs, the NSF Ocean Drilling Program (PD 14-5720) will provide support for small projects to be conducted during the expedition moratorium period to increase the scientific value of, and facilitate further research on, the expedition core, data, and associated samples. The expedition moratorium period begins with the co-chief approval of the expedition sampling plan and generally ends one-year following the post-expedition sampling party (See <http://iodp.org> for specific moratorium dates for each expedition). Also, examples of appropriate post-expedition work include, but are not limited to: • XRF, CT, or other scans of entire or selected critical sections of core; • stratigraphic refinements for identified critical intervals; and • refinement of shipboard measurements/analyses/descriptions as deemed necessary by the shipboard scientific party. These Ocean Drilling Program (PD 14-5720) post-expedition proposals should be submitted during the initial portion of the expedition moratorium period with the expectation that the work can be completed during the moratorium period. Further, limited support will also be provided through the Ocean Drilling Program (PD 14-5720) for critical, expedition-specific shipboard or downhole instrumentation (not meant for large instrumentation projects like CORKS) and for data synthesis/reprocessing critical for expedition implementation. Proposals of this type may be submitted at any time prior to the expedition. Finally, see the NOFA for more information.

**Program POC:** Program contacts include Thomas Janecek ([tjanecek@nsf.gov](mailto:tjanecek@nsf.gov), 703-292-5393) and James F. Allan ([jallan@nsf.gov](mailto:jallan@nsf.gov), 703-292-8144).

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13524](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13524)

**How to Apply:** To apply for PD 14-5720 via FastLane: standard Grant Proposal Guide proposal preparation guidelines apply. To apply via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide))

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## OCEANOGRAPHIC FACILITIES & EQUIPMENT SUPPORT

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To provide properly managed and equipped facilities in support of federally-funded oceanographic research primarily funded by NSF.

**Who is Eligible:** Proposals may only be submitted by the following: -Non-profit, non-academic organizations: Independent museums, observatories, research labs, professional societies and similar organizations in the U.S. associated with educational or research activities. -Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic in

**Eligibility Criteria:** The individual programs covered within this solicitation include: 1. Ship Operations (Ship Ops). Awards will be made in the form of a five year Cooperative Agreement. 2. Oceanographic Technical Services (OTS). Awards will be made in the form of a five year continuing grant. 3. Oceanographic Instrumentation (OI). Awards will be made in the form of a two-year standard grant. 4. Shipboard Scientific Support Equipment (SSSE). Awards will be made in the form of a two-year standard grant. 5. Ship Acquisition and Upgrade (SAU). Ship acquisition and upgrade awards are generally made in the form of grants or cooperative agreements, however other funding mechanisms may be considered by NSF. Duration of awards is dependent upon the request and will be negotiated with the Program Officer to cause the least impact on scientific cruises. Typically, title to ships built or acquired with NSF funds will be retained by the Federal government. 6. Other Facility Activities (OFA)

<b>Program POC:</b>	Rose DuFour, (Ship Ops), 703-292-8811, rdufour@nsf.gov; James Holik, (OTS and OI), 703-292-7711, jholik@nsf.gov.
<b>Further Information:</b>	<a href="http://www.nsf.gov/pubs/2013/nsf13589/nsf13589.pdf">http://www.nsf.gov/pubs/2013/nsf13589/nsf13589.pdf</a>
<b>How to Apply:</b>	Full Proposals submitted via FastLane: NSF Proposal and Award Policies and Procedures Guide, Part I: Grant Proposal Guide (GPG) Guidelines apply. The complete text of the GPG is available electronically on the NSF website at: <a href="http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg">http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg</a> . Further, full proposals submitted via Grants.gov: NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines apply (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: <a href="http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide">http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide</a> ).
<b>Authorization:</b>	The National Science Foundation Act of 1950, as amended (42 U.S.C. 1861-75)

# NATIONAL SCIENCE FOUNDATION

## COASTAL SCIENCE, ENGINEERING & EDUCATION for SUSTAINABILITY (SEES)

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To inform societal decisions about the uses of coastal systems, including for economic, aesthetic, recreational, research, and conservation purposes.

**Who is Eligible:** Coastal SEES proposals may only be submitted by U.S. academic institutions that have research and degree-granting education programs in any area of research supported by NSF. U.S. academic institutions include universities as well as four-year colleges accredited in, and having a campus located in the U.S., acting on behalf of their faculty members. Proposals may also be submitted by non-profit, non-academic organizations, including independent museums, observatories, research laboratories, professional societies and similar organizations in the U.S. associated with educational or research activities.

**Eligibility Criteria:** Coastal SEES is focused on the sustainability of coastal systems. For this solicitation we define coastal systems as the swath of land closely connected to the sea, including barrier islands, wetlands, mudflats, beaches, estuaries, cities, towns, recreational areas, and maritime facilities; the continental seas and shelves; and the overlying atmosphere. Humans benefit from their use of coastal environments for enjoyment, dwelling, food, industry, and commerce, and benefit from the myriad of ecosystem services that coastal environments provide. However, human activities often result in physical, chemical, and ecological alterations that influence and interact with natural state and variability, over a range of spatial and temporal scales. A major challenge is to understand the dynamics of this coupled human-natural system to inform societal decisions about the uses of coastal systems, including for economic, aesthetic, recreational, research, and conservation purposes. Scientific understanding is foundational and must include an understanding of reciprocal feedbacks between humans and the natural environment; how people and organizations interpret, assess, and act upon scientific and other evidence; and how they weigh these interpretations against other interests to influence governance and decision-making. Thus, coastal sustainability relies on broad and intimately interconnected areas of scholarship about natural and human processes. Coastal SEES projects will be expected to lead to generalizable theoretical advances in natural sciences and engineering while, at the same time, integrating key aspects of human processes required to address issues of coastal sustainability.

**Program POC:** Larry H. Weber, lweber@nsf.gov, 703-292-8580

**Further Information:** <http://www.grants.gov/web/grants/search-grants.html?keywords=maritime>

**How to Apply:** Proposals submitted in response to this program solicitation via Grants.gov should be prepared and submitted in accordance with the NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov. The complete text of the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). To obtain copies of the Application Guide and Application Forms Package, click on the Apply tab on the Grants.gov site, then click on the Apply Step 1: Download a Grant Application Package and Application Instructions link and enter the funding opportunity number, (the program solicitation number without the NSF prefix) and press the Download Package button. Paper copies of the Grants.gov Application Guide also may be obtained from the NSF Publications Clearinghouse, telephone (703) 292-7827 or by e-mail from nsfpubs@nsf.gov.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## OCEAN TECHNOLOGY & INTERDISCIPLINARY COORDINATION

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To develop instrumentation that has broad applicability to ocean science research projects and that enhance observational, experimental or analytical capabilities of the ocean science research community.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity).

**Eligibility Criteria:**

The Oceanographic Technology and Interdisciplinary Coordination (OTIC) Program supports a broad range of research and technology development activities. Unsolicited proposals are accepted for instrumentation development that has broad applicability to ocean science research projects and that enhance observational, experimental or analytical capabilities of the ocean science research community. Specific announcements for funding opportunities are made for additional projects involving Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML) and the National Ocean Partnership Program.

**Program POC:** Kandace S. Binkley, kbinkley@nsf.gov, (703) 292-7577

**Further Information:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12724](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12724)

**How to Apply:** To apply to PD-98-1680 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014.

**Authorization:**



# NATIONAL SCIENCE FOUNDATION

## *IMPRVMENTS in FACILITIES, COMMS & EQMNT AT BIOLOGICAL STATIONS & MARINE LABS*

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To offer modern research and educational facilities, equipment, communications and data management systems for a broad array of users.

**Who is Eligible:** Proposals may only be submitted by Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in the US, acting on behalf of their faculty members. Such organizations also are referred to as academic institutions. Proposals may also be submitted by non-profit, non-academic organizations: Independent museums, observatories, research labs, professional societies and similar organizations in the U.S. associated with educational or research activities.

**Eligibility Criteria:** Proposals are accepted from eligible institutions that own or manage off-campus field stations or marine laboratories. A significant fraction of the research and education projects that use the proposing facility as a platform for their execution should be in fields of science and engineering eligible for support by the National Science Foundation. Facilities whose primary focus is on precollege or informal education, or on agriculture, aquaculture, or mariculture are not eligible. Facilities that lack active research programs meeting these criteria are not eligible and will be returned without review. Also, an individual may be PI or coPI on more than one proposal; however, only one proposal may be submitted on behalf of an eligible facility per round of the FSML competition. This limitation does not prevent a single institution from submitting more than one proposal, as long as each is submitted on behalf of a different eligible facility. In addition, the program may grant a waiver to this limitation in the case of a proposal that would improve multiple facilities.

**Program POC:** Kandace S. Binkley, kbinkley@nsf.gov, (703) 292-7577

**Further Information:** <http://www.nsf.gov/pubs/2012/nsf12505/nsf12505.pdf>

**How to Apply:** Full Proposals submitted via FastLane: NSF Proposal and Award Policies and Procedures Guide, Part I: Grant Proposal Guide (GPG) Guidelines apply. The complete text of the GPG is available electronically on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=gpg](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg). And full Proposals submitted via Grants.gov: NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines apply (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide))

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## BIOLOGICAL OCEANOGRAPHY

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To support research in marine ecology broadly defined: relationships among aquatic organisms and their interactions with the environments of the oceans or Great Lakes. Projects submitted to the program for consideration are often interdisciplinary efforts that may include participation by other OCE Programs.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity).

### **Eligibility**

#### **Criteria:**

For a complete list of research funded through this program, go to

<http://www.nsf.gov/awardsearch/advancedSearchResult?ProgEleCode=1650&BooleanElement=ANY&BooleanRef=ANY&ActiveAwards=true&>. (To see a geographic map of awards, go to

[http://www.nsf.gov/awards/award\\_visualization.jsp?org=NSF&pims\\_id=11696&ProgEleCode=1650&RestrictActive=on&BooleanElement=true&BooleanRef=true&from=fund,](http://www.nsf.gov/awards/award_visualization.jsp?org=NSF&pims_id=11696&ProgEleCode=1650&RestrictActive=on&BooleanElement=true&BooleanRef=true&from=fund,))

#### **Program POC:**

David L. Garrison ([dgarrison@nsf.gov](mailto:dgarrison@nsf.gov), 703-292-8582), Michael Sieracki ([msierack@nsf.gov](mailto:msierack@nsf.gov), 703-292-7585)

#### **Further Information:**

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11696](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11696)

#### **How to Apply:**

To apply to PD 98-1650 via FastLane (for collaborative proposals), the standard Grant Proposal Guide proposal preparation guidelines apply. To submit via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. Note that the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide). It is also recommended to review the Proposal & Award Policies & Procedures Guide (PAPPG), effective December 26, 2014.

#### **Authorization:**

# NATIONAL SCIENCE FOUNDATION

## SECURE AND TRUSTWORTHY CYBERSPACE

**Category:** Cyber-Infrastructure

**Funding Method:**

**Purpose:** To address Cybersecurity from a Trustworthy Computing Systems (TWC) perspective and/or a Social, Behavioral and Economic Sciences (SBE) perspective, or from the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (STARSS) perspective (see “Perspectives” below).

**Who is Eligible:** Unrestricted (i.e., open to any type of entity above).

**Eligibility Criteria:**

Proposals may be submitted in one of the following three categories (plus Cybersecurity Education; see below): - Small projects: up to \$500,000 in total budget, with durations of up to three years; - Medium projects: \$500,001 to \$1,200,000 in total budget, with durations of up to four years; and - Large projects: \$1,200,001 to \$3,000,000 in total budget, with durations of up to five years. Also, Projects with Trustworthy Computing Systems and/or Social, Behavioral and Economic Sciences perspectives may include a Transition to Practice (TTP) option, described in a supplementary document of no more than five pages. This document should describe how successful research results are to be further developed, matured, and experimentally deployed in organizations or industries, including in networks and end systems used by members of the NSF science and engineering communities. Proposals with a TTP option may exceed the above-stated funding maxima by up to \$167,000 for Small projects, \$400,000 for Medium projects and \$750,000 for Large projects. Further, for Small hardware security proposals, the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (STARSS) perspective is focused specifically on hardware research innovation that addresses SaTC goals, and includes the opportunity to collaborate closely with industry. STARSS proposals may not include either the TWC or SBE perspective, but may include a TTP option following the same guidelines as above. Finally, the SaTC program seeks proposals focusing entirely on Cybersecurity Education with total budgets limited to \$300,000 and durations of up to two years. These cybersecurity education projects may not include any of the three perspectives named above, nor may they include a TTP Option.

**Program POC:** Jeremy Epstein, Program Director, CISE/CNS, (703) 292-8338, jepstein@nsf.gov

**Further Information:** <http://www.nsf.gov/pubs/2014/nsf14599/nsf14599.pdf>

**How to Apply:** If submitted via FastLane, proposals submitted should be prepared and submitted with the general guidelines contained in the NSF Grant Proposal Guide (GPG) available on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=gpg](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg). Paper copies of the GPG may be obtained from the NSF Publications Clearinghouse, telephone (703) 292-7827 or by e-mail from nsfpubs@nsf.gov. Further, if submitted via Grants.gov, proposals should be prepared and submitted with the NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov. The complete text of the NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: ([http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide)). Paper copies of the Grants.gov Application Guide also may be obtained from the NSF Publications Clearinghouse, telephone (703) 292-7827 or by e-mail from nsfpubs@nsf.gov. Finally, all collaborative proposals submitted as separate submissions from multiple organizations must be submitted via the NSF FastLane system. Chapter II, Section D.5 of the Grant Proposal Guide provides additional information on collaborative proposals.

**Authorization:**

# NATIONAL SCIENCE FOUNDATION

## CHEMICAL OCEANOGRAPHY

**Category:** Environmental/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To support research into the chemical components, reaction mechanisms, and geochemical pathways within the ocean and at its interfaces with the solid earth and the atmosphere.

**Who is Eligible:** Unrestricted (i.e., open to any type of entity).

**Eligibility Criteria:**

For a complete list of research funded through this program, go to <http://www.nsf.gov/awardsearch/advancedSearchResult?ProgEleCode=1670&BooleanElement=ANY&BooleanRef=ANY&ActiveAwards=true&>. (To see a geographic map of awards, go to [https://www.nsf.gov/awards/award\\_visualization.jsp?org=NSF&pims\\_id=11698&ProgEleCode=1670&RestrictActive=on&BooleanElement=true&BooleanRef=true&from=fund](https://www.nsf.gov/awards/award_visualization.jsp?org=NSF&pims_id=11698&ProgEleCode=1670&RestrictActive=on&BooleanElement=true&BooleanRef=true&from=fund).)

**Program POC:** Donald Rice (drice@nsf.gov, 703-292-8582 ), Simone Metz (smetz@nsf.gov, 703-292-8582 ), Stephen B. Moran (smoran@nsf.gov, 703-292-7592).

**Further Information:** [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11698](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11698)

**How to Apply:** To apply for PD 98-1670 via FastLane: standard Grant Proposal Guide proposal preparation guidelines apply. To apply via Grants.gov: the NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines applies. (Note: The NSF Grants.gov Application Guide is available on the Grants.gov website and on the NSF website at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=grantsgovguide](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide))

**Authorization:**

# U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT

## OCEAN FREIGHT REIMBURSEMENT PROGRAM (OFR) FY15 & FY16

**Category:** Trade/Maritime

**Funding Method:** Discretionary Grant

**Purpose:** To reimburse registered PVO's ocean transport costs to transport donated commodities, such as medical supplies, agricultural equipment, educational supplies, and building equipment to responsible consignees in developing countries.

**Who is Eligible:** This competition is open to U.S. Private Volunteer Organizations (PVOs) registered with USAID at the time of application submission.

**Eligibility Criteria:** The following ocean freight costs are eligible for reimbursement under the OFR program: (1.) The ocean freight cost of transporting donated or purchased supplies from a U.S. port to a foreign port serving the recipient country. Those costs eligible for reimbursement include ocean freight, Terminal Handling Charges (THC), Bunker Surcharge, Wharf age, and Security Surcharge. All other costs associated with the shipment are considered ancillary costs and are not eligible for reimbursement. The eligible expenses will normally be determined by a review of the actual ocean carrier's rated or priced bill of lading. (2.) Limited inland transportation costs in a foreign country under one or more of the following circumstances: a) if the destination country is landlocked; b) where ports in the destination country can not be used effectively because of natural or other disturbances; c) where carriers to a specified country are unavailable, or d) where a substantial savings in cost or time can be affected by the utilization of points of entry other than recipient country ports. Under these circumstances, the limited inland transportation costs that may be reimbursed under the OFR Program include the actual cost of transportation of the supplies from pick-up point in the initial port of discharge to a designated point of entry in the recipient country. 3.) Where inland costs are eligible for reimbursement, expenses incurred in transferring supplies from ocean carrier to inland carrier are also eligible for reimbursement. 4.) Ocean Freight transportation costs for the shipment of United States excess property from the exit port of the country in which the excess property originates to the destination country. In the case of excess property, the excess property can originate in a foreign country; however all other restrictions regarding reimbursement apply.

**Program POC:** Prince Boating, Agreement Officer, 202-567-4104, Pboateng@usaid.gov.

**Further Information:** <http://www.usaid.gov/work-usaid/get-grant-or-contract/ocean-transportation/ocean-freight-reimbursement-overview>

**How to Apply:** The full announcement under the NOFA on Grants.gov provides the complete application guidance, including the following requirements: table of contents , a cover letter with contact names and email addresses, budget, cost sheets from a freight forwarder (considered an attachment), PVO Contact Information, Executive Summary, Overview of the Applicant, Program Description, Situational Analysis and Rationale for OFR Support, Program Objectives, Commodities, Partnership Formation, Program Management and Structure, Organizational Structure, Receiving and Distribution System, Contingency and Security Planning, Pipeline Analysis, a Consignee Affidavit (See Annex B) and Duty-Free Status: (considered an attachment), Signed Certifications/Assurances/Statements, and a SF-424.

**Authorization:** Foreign Assistance Act, 1961

# USDA/FARM SERVICE AGENCY

## FARM STORAGE FACILITY LOAN PROGRAM

**Category:** Port/Maritime

**Funding Method:** Loan

**Purpose:** To provides low-interest financing so producers can build or upgrade permanent facilities to store commodities.

**Who is Eligible:** An eligible borrower is any person who is a landowner, landlord, leaseholder, tenant or sharecropper. Contact the FSA office for more details.

**Eligibility Criteria:** The following commodities are eligible: • Corn, grain sorghum, rice, soybeans, oats, peanuts, wheat, barley, or minor oilseeds harvested as whole grain; • Corn, grain sorghum, wheat, oats or barley harvested as other-than-whole grain; • Pulse crops (lentils, chickpeas and dry peas); • Hay; • Honey; • Renewable biomass; • And fruits (includes nuts) and vegetables - cold storage facilities. Further, these loans must be approved by the local FSA state or county committee before any site preparation and/or construction can be started. All loan requests are subject to an environmental evaluation. Accepting delivery of equipment, starting any site preparation, or construction before loan approval, may impede the successful completion of an environmental evaluation and may adversely affect loan eligibility. And there are certain types of eligible facilities and upgrades which must have a useful life of at least 15 years. See the website for more information.

<b>Program POC:</b>	Your local state office found at <a href="http://www.fsa.usda.gov/FSA/stateOffices?area=stoffice&amp;subject=landing&amp;topic=landing">http://www.fsa.usda.gov/FSA/stateOffices?area=stoffice&amp;subject=landing&amp;topic=landing</a> .
<b>Further Information:</b>	<a href="http://www.fsa.usda.gov/programs-and-services/price-support/facility-loans/farm-storage/index">http://www.fsa.usda.gov/programs-and-services/price-support/facility-loans/farm-storage/index</a>
<b>How to Apply:</b>	Loan applications should be filed in the administrative FSA office that maintains the farm's records. For more information about FSA programs, contact your local FSA office or USDA Service Center at <a href="http://offices.usda.gov">http://offices.usda.gov</a> .
<b>Authorization:</b>	Food, Conservation, and Energy Act, 2008

# HANDBOOK DISCLAIMER

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This document is a compilation of existing and recent Federal funding programs. It is provided as a resource. No particular program is endorsed nor are the programs herein all-inclusive. It includes current and recent programs whose application deadlines may have passed. Current funding does not guarantee future funding.

Grant applications cannot be filed through the CMTS, nor can the CMTS assist in the application. Grant applications' required materials must be provided to the targeted funding program or through Grants.gov as directed. We recommend that you review [www.Grants.gov](http://www.Grants.gov) for other applicable programs and various submission requirements such as <http://www.epa.gov/ogd/guide/language.html> . To avoid interpretation, the information for each program in this handbook was taken from the program's instruction for application (e.g., Grants.gov) or from the program's website. Contact the funding program manager to determine if a program meets your project's needs.

FHWA program funding is typically formula-based and data-driven. Hence, it typically passes through the State or metropolitan planning organization (MPO). Interested parties may wish to work collaboratively with their respective State department of transportation or MPO. The same goes for FEMA grants where in many cases applicants work with their regional offices.

Use of this Handbook does not negate the need for all development and construction projects involving Federal funding to be compliant with National Environmental Protection Act; related environmental laws; and all other required permits.

Finally, please review Federal Acquisition Regulations and The Federal Funding Accountability and Transparency Act, 2006, to completely consider and be aware of acquisition, funding and reporting guidelines.



## **U.S. Committee on the Marine Transportation System**

U.S. Department of Transportation

1200 New Jersey Avenue, SE

Washington, DC 20590

202-366-3612

[www.cmts.gov](http://www.cmts.gov)