

## **INNOVATIVE NUTRIENT AND SEDIMENT REDUCTION GRANTS**

### **2023 REQUEST FOR PROPOSALS**

Full Proposal Due Date: **November 17, 2022**

### **OVERVIEW**

The National Fish and Wildlife Foundation (NFWF), in partnership with the U.S. Environmental Protection Agency (EPA) and the federal-state Chesapeake Bay Program (CBP) partnership, is soliciting proposals through the Chesapeake Bay Stewardship Fund to restore water quality and habitats of the Chesapeake Bay and its tributary rivers and streams.

NFWF is soliciting proposals under the **Innovative Nutrient and Sediment Reduction (INSR) Grants** program to accelerate the rate and scale of water quality improvements through the implementation of best management practices that cost-effectively reduce nutrient and sediment pollution to local rivers and streams and the Chesapeake Bay. For 2023, this includes both **INSR Partnership Grants** supporting the coordinated and collaborative efforts of sustainable, regional-scale<sup>1</sup> partnerships implementing proven water quality improvement practices more cost-effectively, as well as a new **INSR Infrastructure Grants** opportunity for projects working to implement critical natural and nature-based watershed restoration infrastructure at scale.

Including funds made available through the Bipartisan Infrastructure Law, NFWF estimates awarding up to \$30 million in grants through the INSR program in 2023, contingent on the availability of funding. Major funding for the Chesapeake Bay Stewardship Fund comes from the U.S. Environmental Protection Agency's Chesapeake Bay Program Office, with other important contributions by the U.S. Fish and Wildlife Service, Altria Group, the U.S. Department of Agriculture Natural Resources Conservation Service and U.S. Forest Service.



NFWF is requiring all prospective INSR applicants to consult with NFWF program staff prior to submitting applications and **no later than November 3, 2022**, to ensure eligibility and competitiveness and provide constructive feedback to strengthen proposed projects, consistent with program priorities. Prospective applicants should contact Jake Reilly at [jake.reilly@nfwf.org](mailto:jake.reilly@nfwf.org) or Joe Toolan at [joe.toolan@nfwf.org](mailto:joe.toolan@nfwf.org) to schedule project consultations. Prospective applicants are also encouraged to contact CBSF field liaisons to vet potential project ideas prior to contacting NFWF staff directly (see **APPLICATION ASSISTANCE** below)

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<sup>1</sup> For the purposes of this RFP, NFWF is exercising a flexible definition of what constitutes an appropriate “regional scale” partnership based on the unique aspects of relevant nutrient and sediment pollution source sectors, geographic focus, priority best management practices and identified barriers to adoption or implementation, and existing individual and collaborative organizational structures and service areas, among other considerations. In general, NFWF expects applicants to demonstrate how project partnerships and networks will achieve a measurable increase in the geographic scale and/or rate of water quality improvement not otherwise possible without enhanced coordination, collaboration, and integration between organizational resources, capacities, and programs.



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## GEOGRAPHIC FOCUS

All projects must occur wholly within the Chesapeake Bay watershed. Projects must directly result in the implementation of water quality improvements across multiple sites within a defined regional project focus or service area, as determined and specified by program applicants. Priority consideration will be provided to projects located within priority subwatersheds where NFWF has identified significant needs for additional nutrient and sediment pollution reduction. Applicants should consult NFWF's online Chesapeake Bay Business Plan [mapping portal](#) for more information on priority areas.

## PROGRAM PRIORITIES

As the CBP partnership advances the critical phase of implementation efforts under the Chesapeake Bay Total Maximum Daily Load (TMDL), INSR program partners are intentionally targeting funding towards the accelerated implementation of proven water quality improvement practices<sup>2</sup> and approaches necessary to achieve remaining pollution reductions by the TMDL's 2025 deadline. The desired result of INSR funding is a measurable increase in the rate and/or scale of implementation for priority water quality improvement practices, as identified through the Chesapeake Bay TMDL and associated [Watershed Implementation Plans \(WIPs\)](#), in a defined regional project focus or service area.

For both **INSR Partnership Grants** and **INSR Infrastructure Grants**, and consistent with broader goals to enhance diversity, equity, inclusion, and justice in Chesapeake Bay habitat restoration and conservation efforts, NFWF will prioritize proposals from applicants that have directly and meaningfully engaged local communities in the identification, prioritization, selection, and implementation of proposed actions. Examples of direct and meaningful engagement include:

- Project are [co-created](#) with community members
- Empowering community members with knowledge or decision-making authority
- Ensuring that the project team includes members representing and/or a part of the community
- Including specific, active engagement strategies such as workshops, classroom activities, field trips and volunteer opportunities
- Addressing a specific and localized harm such as pollution, flooding, fires, etc.
- Creating jobs in the target community or performing job training and certification
- Directly engaging in specific cultural activities with the community

Proposals from applicants or partnerships directly representing or resourcing underrepresented, underserved, and/or under-resourced communities, will receive priority consideration, especially those that align established interests of local communities with INSR

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<sup>2</sup> For the purposes of the INSR program, eligible water quality improvement practices include practices approved by the Chesapeake Bay Program for crediting under the Chesapeake Bay TMDL. For a complete list of approved practices, please visit CBP's [Quick Reference Guide for Best Management Practices \(BMPs\)](#).



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program priorities. NFWF also explicitly encourages applications from or incorporating community-based organizations as key project partners, regardless of an environmental or conservation-related mission, in order to ensure that a broad spectrum of community interests is represented and reflected in proposed activities. Furthermore, NFWF encourages more traditional environmental and conservation organizations and entities to use grant funding to enhance their internal capacity to engage with, mentor, and support diverse community partners.

Resources defining key terms related to diversity, equity, and inclusion efforts under the NFWF's Chesapeake Bay Stewardship Fund, as well as tools for understanding demographic and socioeconomics of affected communities, are available on NFWF's Chesapeake Bay Stewardship Fund [website](#).

### INSR Partnership Grants

NFWF is specifically soliciting proposals from existing partnerships, collaboratives, and networks ("partnerships"). Data from NFWF, EPA, and others demonstrate that these structures are a critical mechanism to achieve and sustain desired water quality improvement efforts through strategic leveraging of capacities, skills, and resources of diverse stakeholders. Such partnerships can take many forms<sup>3</sup> and may include nonprofit organizations, public agencies, institutions, and/or businesses with a shared focus on water quality restoration and protection.

NFWF will competitively award funding under the INSR program to partnership projects that simultaneously (1) cultivate the growth and enhancement of existing regional-scale partnerships working on watershed restoration, and (2) accelerate the geographic scale and/or rate of measurable implementation for priority water quality improvement practices identified through the Chesapeake Bay TMDL and associated WIPs:

**Cultivating Partnership Growth and Enhancement:** Consistent with program goals for accelerating near-term water quality improvements, the INSR program will focus primarily on efforts to enhance and expand the capacity and impact of **existing** partnerships for water quality restoration and protection. Projects seeking to establish new partnerships are encouraged to apply for funding through the separate Small Watershed Grants program Request for Proposals anticipated in early 2023.

Proposals must summarize the current composition, structure, and function of the existing partnership(s) included in the proposal, citing formal and informal mechanisms for coordination and collaboration, as well as proposed enhancements in these partnerships that will be achieved through the project activities. Proposals must also establish a clear connection as to how proposed growth in partnerships will help accelerate implementation and associated water quality improvements, address key implementation and adoption

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<sup>3</sup> A brief, non-exhaustive summary of selected examples includes regional authorities for the delivery of stormwater program funding and management at a multi-municipality scale, coalitions of conservation districts working for the delivery of technical assistance and coordinated implementation for priority agricultural conservation practices at multi-county scales, multi-sector partnerships working to address a variety of pollution sources at the small watershed scale, and watershed-based partnerships for stream, wetland, and floodplain restoration.



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barriers for priority practices, and improve long-term sustainability and durability of associated partnerships.

While specific activities necessary to cultivate more effective and impactful partnerships will vary considerably, NFWF, in partnership with University of Virginia's Institute for Engagement and Negotiation, has identified four key areas for investment based on an extensive review of successful ecosystem restoration collaboratives in the Chesapeake Bay region and across the U.S:

- **Building and Sustaining Motivation:** Shared strategic planning processes, learning agendas, stakeholder engagement and recruitment initiatives, and leadership development activities can play important roles in building and sustaining inspiration and motivation for collaborative action. These processes and activities help to maintain an evident and transparent shared collaborative vision and purpose and further attract diverse stakeholders, organizations, and individuals for a comprehensive and inclusive vision given unique local or regional needs.
- **Establishing and Improving Effective Collaborative Processes:** Clear, consistent, and explicit agreements on internal and external communication protocols, coordinative roles and responsibilities, decision-making processes, and conflict management approaches can help to build trust and contribute to more effective and transparent processes for collaborative conservation action. Ensuring effective and consistent communication and convening of partnerships often plays a central role in clarifying and refining appropriate processes.
- **Enhancing Core Capacities:** Staffing of collaborative coordinators, building of requisite technical expertise, "mapping" of technical and financial resources, and professional development efforts can enhance the collective capacity and development towards greater efficacy of collaboratives to effect on-the-ground outcomes and leverage shared or pooled funding opportunities.
- **Promoting Continuous Evaluation:** Continued self-assessment and evaluation of collaborative process and performance can ensure adaptive management of collaboratives to meet emerging needs and opportunities.

**Accelerating the Scale and/or Rate of Water Quality Improvements:** The goal of the INSR program is to measurably increase the geographic scale and/or rate of implementation for priority water quality improvement practices, as identified through the Chesapeake Bay TMDL and associated WIPs, in a defined regional project focus or service area.

NFWF is especially interested in efforts that accelerate water quality improvements associated with nonpoint source agricultural pollution from small and medium agricultural operations and stormwater runoff from small and/or unregulated communities. All proposals must document how their proposal aligns with relevant state and local WIPs.

Proposed partnership projects should address one or more of the following specific strategies with the potential to advance transformational water quality improvement approaches:



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### **Managing Upland Agricultural Runoff through Farm-Scale Conservation Systems**

**and Solutions:** Includes efforts to reduce water quality impacts of production agriculture while simultaneously maintaining or enhancing financial performance and productivity of the region's farms through the implementation of agricultural conservation practices that reduce pollution at the farm scale.

For projects managing agricultural runoff, the most competitive applications will seek first to utilize existing federal, state, and local cost-share and incentive programs to finance implementation of water quality improvement practices, with NFWF funding for practice implementation used to strategically fill gaps in existing funding programs. Where NFWF funding is sought to cover all or a portion of costs for practice implementation, applicants must describe why other public programs are insufficient or otherwise inappropriate for financing proposed practice implementation.

### **Managing Upland Urban Runoff through Green Stormwater Infrastructure (GSI)**

**Improvements:** Includes efforts to assist local governments, nonprofit organizations, and community associations to improve urban and suburban stormwater management by implementing green stormwater infrastructure practices that capture, store, filter, and treat stormwater runoff. In limited cases, NFWF may also support urban floodplain and stream restoration for water quality improvement where existing or planned green stormwater infrastructure initiatives effectively control stormwater runoff from upland sources.

### **Restoring Stream Health and Riparian Habitats through Forested Buffers, Floodplain and Wetland Reconnection, and Habitat Improvements:**

Includes efforts to restore degraded stream systems by improving water quality, enhancing aquatic habitat, and increasing fish populations across the Chesapeake Bay region through a variety of actions including but not limited to: establishment of riparian forested buffers, livestock exclusion fencing, and associated practices like stream crossing and off-stream watering; reconnection of stream channels with historic floodplains and adjacent wetlands to further promote nutrient removal, attenuate erosive stormflows and increase resiliency of riparian systems, and restore streams in both urban and rural landscapes to control streambank erosion, increase in-stream nutrient processing, and provide food, cover, and habitat for priority species.

### **Conservation Finance and Market Development to Accelerate Water Quality**

**Improvements:** U.S. EPA and the Chesapeake Bay Program partnership are increasingly looking towards the emerging fields of conservation finance and environmental market development as essential strategies to meet Chesapeake Bay TMDL goals by bringing additional revenues for watershed restoration, streamlining or reducing costs of restoration, and increasing cash flows and liquidity for on-the-ground implementation efforts. Selected examples include pay-for-performance and pay-for-success models, functional environmental credit markets, revolving funds, and consumer-funded models for sustainable food and fiber production, among others. Collectively, these approaches seek to advance novel and non-traditional transactions, payors, and capitalization approaches to enhance the pace and scale of watershed restoration efforts.





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NFWF will utilize the [Market Development Framework](#) developed by the Conservation Finance Network (CFN) to better understand and evaluate conservation finance and market development proposals submitted under the INSR program.

NFWF is specifically soliciting proposals under the INSR program to advance Pilot and Early Market stage efforts supporting water quality improvement in the Chesapeake Bay region, as defined in CFN's Market Development Framework. Applicants for these efforts will be required to provide additional information through the Conservation Finance and Market Development narrative supplement in addition to the standard INSR project narrative to demonstrate that key elements from a successful Market Formation and Development phase have been accomplished, including:

- Has the market opportunity been defined, including specific payors (e.g., consumer, corporate, municipal)? As a general rule, NFWF will not fund Pilot or Early Market efforts unless applicants can specifically identify at least one committed payor (via Letters of Commitment, match contributions, and/or project participation).
- Have potential cash (from payors) and benefit flows (from on-the-ground projects/practices) been modeled and do results support market viability?
- Have sufficient protocols and "rules" been identified to guide market functions?
- Has the unit of measure/transaction been defined and is this unit consistent with CBSF priorities and business plan?
- Have sufficient data management processes and systems been identified or proposed to measure and account for benefit flows?

In addressing the standard INSR project narrative, applicants for conservation finance and market development projects should further clarify how core constituents have been engaged in market development efforts to date, including potential landowners and land managers, relevant nonprofits, government agencies, technical assistance providers, and payors. The project narrative should further describe how key partnerships will be utilized to ensure success and maximize implementation outcomes that result in net reductions in pollutant loading (e.g., not simply offsetting other pollutant sources).

## INSR Infrastructure Grants

Among the water quality improvement practices prioritized by EPA, CBP, and watershed jurisdictions through the Chesapeake Bay TMDL and associated WIPs, there are selected natural and nature-based practices that provide long-term pollution control and improve aquatic and terrestrial habitat for at-risk species and enhanced climate resilience for human and wildlife communities. Through funding provided by the Infrastructure Investment and Jobs Act, NFWF will competitively award funds for projects that specifically accelerate the scale of implementation for one or more of these watershed restoration infrastructure practices, including:

- Riparian forest buffers, including associated livestock exclusion fencing;



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- Non-tidal wetland restoration, creation, or enhancement;
- Floodplain restoration that reconnects incised streams to their floodplains and floodplain wetlands;
- Shoreline management; and
- Urban tree planting

While accelerated implementation of these practices should be the primary focus of **INSR Infrastructure Grants** proposals, projects may also utilize program funding for implementation of other, related nature-based structural practices. However, **INSR Infrastructure Grants** will be specifically evaluated on proposed outcomes for the practices listed above.

**INSR Infrastructure Grants** do not require the application of partnership-based approaches to advance implementation as outlined on pages 3 and 4 of this RFP. However, NFWF encourages applicants to consider and incorporate appropriate partnership-based activities and investments necessary to scale practice implementation. Proposals will be evaluated primarily on the scale of implementation outcomes and associated water quality improvements. **INSR Infrastructure Grants** also do not require non-federal matching funds, though projects that can leverage other funding sources to achieve greater implementation outcomes will receive priority consideration. See **FUNDING AVAILABILITY AND MATCH** below for more information.

## PROJECT METRICS

To better gauge progress on individual grants and to ensure greater consistency of project data provided by multiple grants, NFWF has provided a list of metrics in *Easygrants* for grantees to choose from for reporting. For the INSR program, awardees will be required to report both project-level metrics via *Easygrants* and more detailed site and practice-level data via [FieldDoc.org](http://FieldDoc.org) (see below for additional details), as applicable. NFWF understands that applicants may utilize a variety of tools and methods to estimate proposed nutrient and sediment load reductions other than FieldDoc and simply requires sufficient justification in either the project narrative or *Easygrants* metrics interface detailing the basis for estimated load reductions.

For a complete list of applicable metrics, see **Appendix A**. We ask that applicants select only the most relevant metrics from this list for their project. It is in the applicant's best interest to be selective of the most meaningful and well-aligned metrics with the project objectives and outcomes. If you do not believe an applicable metric has been provided, please contact Carley Morton at [carley.morton@nfwf.org](mailto:carley.morton@nfwf.org) or (202) 857-0166, to discuss acceptable alternatives.

## ELIGIBILITY

### Eligible and Ineligible Entities

- ✓ Eligible applicants include non-profit 501(c) organizations, state government agencies, local governments, municipal governments, Tribal governments and organizations, and educational institutions.
- ✗ Ineligible applicants include U.S. federal government agencies, businesses, unincorporated individuals, and international organizations.



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## Ineligible Uses of Grant Funds

- ✓ Applicants are encouraged to rent equipment where possible and cost-effective or use matching funds to make those purchases. NFWF acknowledges, however, that some projects may only be completed using NFWF funds to procure equipment. If this applies to your project, please contact the program staff listed in this RFP to discuss options.
- ✗ NFWF funds and matching contributions may not be used to support political advocacy, fundraising, lobbying, litigation, terrorist activities or Foreign Corrupt Practices Act violations.
- ✗ NFWF funds may not be used to support ongoing efforts to comply with legal requirements, including permit conditions, mitigation and settlement agreements. However, grant funds may be used to support projects that enhance or improve upon existing baseline compliance efforts, for example in achieving municipal separate storm sewer system requirements through the implementation of green stormwater infrastructure.

## FUNDING AVAILABILITY AND MATCH

NFWF will award up to \$30 million in grants through the INSR program in 2023, including up to \$10 million for **INSR Partnership Grants** and up to \$20 million for **INSR Infrastructure Grants**. Awards will range from \$500,000 to \$1 million each, for an estimated 20-40 individual grant awards. **INSR Partnership Grants** require non-federal matching contributions equal to the grant request. Non-federal match is encouraged but not required for **INSR Infrastructure Grants**. All 2023 INSR grants must be completed within three years of grant award. All proposed projects must begin on or after April 1, 2023 to facilitate necessary grant contracting and quality assurance activities.

## EVALUATION CRITERIA

All proposals will be screened for relevance, accuracy, completeness, and compliance with NFWF and funding source policies. Proposals will then be evaluated based on the extent to which they meet the following criteria:

### Criteria #1 – Conservation Outcomes

- Project clearly and demonstrably increases the rate and/or scale of implementation of priority water quality improvement practices identified through the Chesapeake Bay TMDL, jurisdictional WIPs, and local pollution reduction plans. Where possible and appropriate, the proposal contributes measurably to other, non-water quality outcomes outlined in the 2014 Chesapeake Watershed Agreement.
- **For INSR Partnership Grants:** Project results in meaningful growth and/or enhancement of existing partnerships working to improve water quality and outlines specific efforts to build and sustain motivation, efficient processes, core capacities, and ongoing evaluative efforts.





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- **For INSR Infrastructure Grants:** Project results in meaningful increase in the rate or scale of implementation of identified watershed restoration infrastructure practices.
- Project incorporates plans and approaches to implement, verify and sustain pollution load reductions and plan for their continuance beyond the timeframe of the grant.
- Project directly and meaningfully engages local communities in the identification, prioritization, selection, and implementation of proposed actions.

### Criteria #2 – Budget

- The quality and level of detail in the budget and budget narrative provide a clear and detailed understanding of the proposed funding request.
- Proposal demonstrates cost-effectiveness in achieving its proposed outcomes, considering both direct and indirect costs in the proposed budget.
- Proposed costs are reasonable based on the work plan, local or regional costs for similar activities, and commensurate with project outcomes.
- Budget clearly indicates the degree of partnership in conducting the proposed work.
- Proposed funding request is well leveraged by the partners and other contributors through cash-, in-kind, and other match.

### Criteria #3 – Technical

- Proposal provides specific goals that correlate with a clear, logical and achievable work plan, milestones, and timeline. All proposed projects must begin on or after April 1, 2023 to facilitate necessary grant contracting and quality assurance activities.
- Proposed project team has the core competencies necessary to implement the proposed activities and achieve the proposed outcomes as well as the commitment to engage technical experts necessary to ensure activities are scientifically and technically sound and feasible.
- Proposal demonstrates an understanding of necessary permitting and environmental compliance requirements and the ability to obtain necessary approvals consistent with the proposed work plan and timeline.
- Applicant organization has demonstrated an ability to manage and implement similar projects on time and within budget.

## OTHER

**Nutrient and Sediment Load Reductions:** All INSR proposals must demonstrate reductions of nutrient and sediment pollution to local rivers and streams, and ultimately the Chesapeake Bay. To assist applicants in generating credible and consistent nutrient and sediment load reduction estimates, NFWF has partnered with the Chesapeake Commons and Maryland Department of Natural Resource to develop [FieldDoc](#), a tool that allows consistent planning, tracking, and reporting of water quality improvement activities and associated nutrient and sediment load reductions from proposed grant projects.



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FieldDoc currently includes functionality for a significant share of water quality improvement practices approved by the Chesapeake Bay Program for the purposes of TMDL crediting and applicants should utilize the FieldDoc platform to estimate water quality improvements from proposed implementation efforts. When setting up proposed projects in FieldDoc, list your application's 5-digit *Easygrants* number in the FieldDoc project title.

Upon grant award, NFWF will require all projects submitted under this solicitation to utilize FieldDoc for tracking and reporting of applicable water quality improvement activities during their grant project. For technical support on FieldDoc utilization during proposal development, please contact Chesapeake Commons at [support@chesapeakecommons.org](mailto:support@chesapeakecommons.org).

**Budget** – Costs are allowable, reasonable and budgeted in accordance with NFWF's [Budget Instructions](#) cost categories. Federally-funded projects must be in compliance with [OMB Uniform Guidance](#) as applicable.

**Monitoring** – NFWF may implement independent monitoring efforts in the future to measure the environmental outcomes from projects funded under this solicitation. Award recipients may be asked to facilitate granting of access to project sites for NFWF or its designees for future environmental monitoring purposes.

**Cost-Effectiveness** – Project includes a cost-effective budget that balances performance risk and efficient use of funds. Cost-effectiveness evaluation may include, but is not limited to, an assessment of either or both direct and indirect costs in the proposed budget. The federal government has determined that a *de minimis* 10% indirect rate is an acceptable minimum for organizations without a NICRA, as such NFWF reserves the right to scrutinize **ALL** proposals with indirect rates above 10% for cost-effectiveness.

**Matching Contributions** – Matching Contributions consist of cash, contributed goods and services, volunteer hours, and/or property raised and spent for the Project during the Period of Performance. Larger match ratios and matching fund contributions from a diversity of partners are encouraged and will be more competitive during application review.

**Procurement** – If the applicant chooses to specifically identify proposed Contractor(s) for Services, an award by NFWF to the applicant does not constitute NFWF's express written authorization for the applicant to procure such specific services noncompetitively. When procuring goods and services, NFWF recipients must follow documented procurement procedures which reflect applicable laws and regulations.

**Publicity and Acknowledgement of Support** – Award recipients will be required to grant NFWF the right and authority to publicize the project and NFWF's financial support for the grant in press releases, publications and other public communications. Recipients may also be asked by NFWF to provide high-resolution (minimum 300 dpi) photographs depicting the project.

**Receiving Award Funds** – Award payments are primarily reimbursable. Projects may request funds for reimbursement at any time after completing a signed agreement with NFWF. A request of an advance of funds must be due to an imminent need of expenditure and must detail how the funds will be used and provide justification and a timeline for expected disbursement of these funds.



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**Compliance Requirements** – Projects selected may be subject to requirements under the National Environmental Policy Act, Endangered Species Act (state and federal), and National Historic Preservation Act. Documentation of compliance with these regulations must be approved prior to initiating activities that disturb or alter habitat or other features of the project site(s). Applicants should budget time and resources to obtain the needed approvals. As may be applicable, successful applicants may be required to comply with additional Federal, state or local requirements and obtain all necessary permits and clearances.

**Quality Assurance** – If a project involves monitoring, data collection or data use, grantees will be asked to prepare and submit quality assurance documentation. This includes any data collection activities described in the proposal as provided by match and partner activities. [Examples of data collection or use](#) which requires a Quality Assurance Project Plan (QAPP):

- New data collection
- Existing data use (a new use for data collected for a different purpose, whether by the same or different groups).
- Data collection and analysis associated with development or design of plans and projects e.g. fish passage, watershed or water quality/habitat restoration project plans etc.
- Water or other environmental monitoring
- Model development or use etc.
- Citizen or community based scientific data collection, monitoring etc.

Applicants *must* budget time and resources in their CBSF proposal to complete this task. No data collection or use may begin until a QAPP is approved and on file. Reimbursement for project activities, including non-data collection activities, may be delayed until quality assurance compliance requirements are complete. Plan to submit the draft QAPP to NFWF *at least* three months in advance of starting your data driven activity for review and comment. The timeline for receiving review feedback and comments and subsequent submittal for EPA approval is dependent upon the quality of the draft QAPP submission and may involve several iterations. General assistance will be available to grantees to help with scoping and review of the draft QAPPs. For more information, follow the link to [EPA QA](#) and [CBSF Quality Assurance Project Plan Guidance](#). Please contact Joe Toolan ([joe.toolan@nfwf.org](mailto:joe.toolan@nfwf.org)) if you have any questions about whether your project would require a QAPP. Applicants interested in details of NFWF's quality assurance approach can visit our ["Tools for Current Grantees"](#) webpage for revised QAPP templates and recorded training and educational webinars.

**Applicant Demographic Information** – In an effort to better understand diversity in our grantmaking, NFWF is collecting basic demographic information on applicants and their organizations via a voluntary survey form (available in Easygrants). This information will not be shared externally or with reviewers and will not be considered when making grant decisions. For more details, please see the tip sheet and the Uploads section of Easygrants.

**Environmental Services** – NFWF funds projects in pursuit of its mission to sustain, restore and enhance the nation's fish, wildlife, plants and habitats for current and future generations. NFWF recognizes that some benefits from projects may be of value with regards to credits on



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an environmental services market (such as a carbon credit market). NFWF does not participate in, facilitate, or manage an environmental services market nor does NFWF assert any claim on such credits.

**Permits** – Successful applicants will be required to provide sufficient documentation that the project expects to receive or has received all necessary permits and clearances to comply with any Federal, state or local requirements. Where projects involve work in the waters of the United States, NFWF strongly encourages applicants to conduct a permit pre-application meeting with the Army Corps of Engineers prior to submitting their proposal. In some cases, if a permit pre-application meeting has not been completed, NFWF may require successful applicants to complete such a meeting prior to grant award.

**Federal Funding** – The availability of federal funds estimated in this solicitation is contingent upon the federal appropriations process. Funding decisions will be made based on level of funding and timing of when it is received by NFWF.

**Intellectual Property** – Intellectual property created using NFWF awards may be copyrighted or otherwise legally protected by award recipients. NFWF may reserve the right to use, publish, and copy materials created under awards, including posting such material on NFWF’s website and featuring it in publications. NFWF may use project metrics and spatial data from awards to estimate societal benefits that result and to report these results to funding partners. These may include but are not limited to: habitat and species response, species connectivity, water quality, water quantity, risk of detrimental events (e.g., wildfire, floods), carbon accounting (e.g., sequestration, avoided emissions), environmental justice, and diversity, equity, and inclusion.

## TIMELINE

Dates of activities are subject to change and contingent on the availability of funding. Please check the Program page of the NFWF website for the most current dates and information (<http://www.nfwf.org/chesapeake>).

Applicant Webinar ( <a href="#">Registration</a> )	<i>Monday, September 12, 2022, 2:00 PM EST</i>
FieldDoc Webinar ( <a href="#">Registration</a> )	<i>Wednesday, September 14, 2022, 2:00PM EST</i>
Full Proposal Due Date	<i>Thursday, November 17, 2022, 11:59 PM EST</i>
Awards Announced	<i>March 2023 (anticipated)</i>

## HOW TO APPLY

All full proposal materials must be submitted online through National Fish and Wildlife Foundation’s Easygrants system.

1. Go to [easygrants.nfwf.org](https://easygrants.nfwf.org) to register in our Easygrants online system. New users to the system will be prompted to register before starting the application (if you already are a registered user, use your existing login). Enter your applicant information. Please disable the pop-up blocker on your internet browser prior to beginning the application process.



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2. Once on your homepage, click the “Apply for Funding” button and select this RFP’s “Funding Opportunity” from the list of options.
3. Follow the instructions in Easygrants to complete your application. Once an application has been started, it may be saved and returned to at a later time for completion and submission.

## APPLICATION ASSISTANCE

A PDF version of this RFP can be downloaded in the Related Content Section.

A *Tip Sheet* is available for quick reference while you are working through your application. This document can be downloaded in the Related Content Section. Additional information to support the application process can be accessed on the NFWF website’s “Applicant Information” page (<http://www.nfwf.org/whatwedo/grants/applicants/Pages/home.aspx>).

For more information or questions about this RFP, please contact Jake Reilly ([jake.reilly@nfwf.org](mailto:jake.reilly@nfwf.org)), Joe Toolan ([joe.toolan@nfwf.org](mailto:joe.toolan@nfwf.org)), or Carley Morton ([carley.morton@nfwf.org](mailto:carley.morton@nfwf.org)) via e-mail or by phone at (202) 857-0166.

NFWF also offers on-demand, field-based project and partnership development support through [field liaisons](#), providing broad geographic coverage across the Bay region for agricultural conservation, urban stormwater management, wetland and watershed science, and habitat experience and expertise relevant to Bay restoration goals. Applicants may also contact these field liaisons using the information below to discuss potential projects:

Field Liaison Contact	Email	Phone	Sector Expertise
Kristen Saacke Blunk	<a href="mailto:kristen@headwaters-llc.org">kristen@headwaters-llc.org</a>	(814) 360-9766	• All Sectors
Kristen Hughes Evans	<a href="mailto:kristen@susches.org">kristen@susches.org</a>	(804) 554-3457	• Agricultural Conservation
Liz Feinberg	<a href="mailto:liz.feinberg63@gmail.com">liz.feinberg63@gmail.com</a>	(610) 212-2345	• All Sectors
David Hirschman	<a href="mailto:dave@hirschmanwater.com">dave@hirschmanwater.com</a>	(434) 409-0993	• Stormwater/Urban Sector
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For issues or assistance with our online Easygrants system, please contact:

Easygrants Helpdesk

Email: [Easygrants@nfwf.org](mailto:Easygrants@nfwf.org)

Voicemail: 202-595-2497

Hours: 9:00 am to 5:00 pm ET, Monday-Friday.

Include: Your name, proposal ID #, e-mail address, phone number, program to which you are applying, and a description of the issue.





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## APPENDIX A

### Applicable Metrics

### Chesapeake Bay Innovative Nutrient and Sediment Reduction Grants Program

Priority	Recommended Metric*	Metric Description/Instructions
Managing Upland Agricultural and Urban Runoff (Required)	CBSF - BMP implementation for nutrient or sediment reduction - Lbs N/P/S avoided (annually)	Please use FieldDoc to develop estimates of the annual nitrogen, phosphorus, and/or sediment load reductions from your proposed project. Enter FieldDoc-generated pollutant load reduction totals in this field then upload your FieldDoc Project Summary in the "Uploads" section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with BMPs	Enter the total number of acres under agricultural or non-urban BMPs to reduce nutrient or sediment loading. Do not double-count individual acres which have multiple BMPs. If you're implementing load reduction practices on urban lands, report associated outcomes instead under the "CBSF - BMP implementation for stormwater runoff - Acres with BMPs" metric. Do not include cover crops, conservation tillage, enhanced cropland nutrient management, or managed grazing.
Managing Upland Agricultural and Urban Runoff (Select all that apply)	CBSF - BMP implementation for nutrient or sediment reduction - Acres with cover crops	Enter the number of cropland acres with cover crops practices. Please describe the cover crop practices in the NOTES section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with conservation tillage	Enter the number of cropland acres with conservation tillage practices. Please describe conservation tillage practices in the NOTES section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with enhanced nutrient management	Enter the number of cropland acres with enhanced nutrient management practices other than or in addition to conservation tillage or cover crops. Please describe the nutrient management practices in the NOTES section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with managed grazing	Enter the number of acres with managed grazing (i.e., promoting plant growth above and below ground, improving wildlife habitat, and maximizing soil carbon through a variety of grazing approaches). Please describe the grazing practices in the NOTES section.
	CBSF - BMP implementation for stormwater runoff - Acres with BMPs	Enter total drainage area treated by stormwater BMPs. If you wish to also provide the extent of specific BMPs themselves (i.e., square feet of bioretention), please do so in the "Notes" section.
	CBSF - BMP implementation for stormwater runoff - Volume stormwater prevented	Enter the number of gallons of stormwater runoff treated through stormwater BMPs (e.g., runoff treatment volume).
	CBSF- Green Infrastructure - number of trees planted	Enter the number of trees planted for urban stormwater reduction. In the NOTES section, specify the landcover type prior to planting (barren, cropland, grassland, shrubland), # of acres, and average # of trees per acre.
	Restoring Stream Health and Riparian Habitats through Forested Buffers, Floodplain and Wetland Reconnection, and Habitat Improvements (Select all that apply)	CBSF - Riparian restoration - Miles restored
CBSF - BMP implementation for livestock fencing - Miles of fencing installed		Enter the number of miles of livestock exclusion installed. Assume activities include exclusion fencing and a 35-foot forest or grass buffer, unless otherwise noted.



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Priority	Recommended Metric*	Metric Description/Instructions
<b>Restoring Stream Health and Riparian Habitats through Forested Buffers, Floodplain and Wetland Reconnection, and Habitat Improvements</b> (Select all that apply)	<b>CBSF - Stream restoration - Miles restored</b>	Enter the number of miles of stream restored for nutrient and sediment load reduction, consistent with qualifying conditions and restoration protocols established by the Chesapeake Bay Program.
	<b>CBSF - Floodplain restoration - Acres restored</b>	Enter the number of acres of floodplain restored for nutrient and sediment load reduction, consistent with qualifying conditions and restoration protocols established by the Chesapeake Bay Program. Also report any associated linear stream restoration outcomes through the "CBSF - Stream restoration – Miles restored" metric. In the NOTES, indicate % of vegetation on the pre-project site (0-20%, 21-40%, 41-60%, 61-80%, 81-100%) and the dominant vegetation being restored (Broadleaf, Conifer, Redwood, Shrub, Grass, Marsh, Wet meadow, Swamp).
	<b>CBSF - Wetland restoration - Acres restored</b>	Enter the number of acres of wetland habitat restored, created, or enhanced. In the NOTES section, specify the dominant vegetation being planted (Marsh, Swamp) and indicate % of vegetation on pre-project site (0-20%, 21-40%, 41-60%, 61-80%, 81-100%).

\* *Easygrants* metrics should be consistent with data entered into and/or derived from [FieldDoc.org](http://FieldDoc.org).