

3801 - Smyth County Flood Resilience Plan

Application Details

Funding Opportunity:

3294-Virginia Community Flood Preparedness Fund - Study Grants - CY25 Round 6

Funding Opportunity Due Date: Dec 1, 2025 11:59 PM

Program Area: Virginia Community Flood Preparedness Fund

Status: Under Review

Stage: Final Application

Initial Submit Date: Dec 1, 2025 7:20 PM

Initially Submitted By: Jordan Powers

Last Submit Date:

Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name*: Mr. Shawn Middle Name Utt
Salutation First Name Last Name

Title: County Administrator

Email*: sutt@smythcounty.org

Address*: 121 Bagley Circle, Suite 100

Marion Virginia 24354
City State/Province Postal Code/Zip

Phone*: 276-706-8301 Ext.

Phone

###-###-####

Fax: ###-###-####

Comments:

Organization Information

Status*: Approved
Name*: Smyth County Administration
Organization Type*: County Government
Tax ID*: 54-6001608
Unique Entity Identifier (UEI)*: Q8H7JB2QLJN3
Organization Website:
Address*: 121 Bagley Circle, Suite 100

Marion Virginia 24354-
City State/Province Postal Code/Zip

Phone*: 276-706-8301 Ext.
###-###-####

Fax: ####-####-####

Benefactor:

Vendor ID:

Comments:

VCFPF Applicant Information

Project Description

Name of Local Government*: Smyth County

Your locality's CID number can be found at the following link: [Community Status Book Report](#)

NFIP/DCR Community 510184

Identification Number (CID)*:

If a state or federally recognized Indian tribe,

Name of Tribe:

Authorized Individual*: Shawn Utt

First Name Last Name

Mailing Address*: 121 Bagley Circle, Suite 100

Address Line 1

Address Line 2

Marion Virginia 24354

City State Zip Code

Telephone Number*: 276-706-8302

Cell Phone Number*: 276-706-8302

Email*: sutt@smythcounty.org

Is the contact person different than the authorized individual?

Contact Person*: Yes

Contact: Jordan Powers
First Name Last Name

1021 Terrace Drive

Address Line 1

Address Line 2

Marion Virginia 24354

City State Zip Code

Telephone Number: 276-783-5103

Cell Phone Number: 276-780-3795

Email Address: jpowers@mrpdc.org

Enter a description of the project for which you are applying to this funding opportunity

Project Description*:

Smyth County, in partnership with Mount Rogers Planning District Commission, will develop a flood resilience plan following Hurricane Helene and Winter Storm Jett. The plan will identify flood-prone areas including those outside SFHAs, document repetitive loss properties, incorporate nature-based solutions, and address needs of underserved populations. Study findings will also be integrated into the regional hazard mitigation plan, strengthening coordinated flood preparedness across the district

Low-income geographic area means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Is the proposal in this application intended to benefit a low-income geographic area as defined above?

Benefit a low-income geographic area*: Yes

Information regarding your census block(s) can be found at census.gov

Census Block(s) Where Project will Occur*: 301, 302, 303.01, 303.02, 304, 305, 306, 307.01, 307.02

Is Project Located in an NFIP Participating Community?*: Yes

Is Project Located in a Special Flood Hazard Area?*: Yes

Flood Zone(s) (if applicable): Zone A, Zone AE, Zone X

Flood Insurance Rate Map Number(s) (if applicable): Smyth County Community Identification (CID) Number: 510184

Eligibility - Round 4

Eligibility

Is the applicant a local government (including counties, cities, towns, municipal corporations, authorities, districts, commissions, or political subdivisions created by the General Assembly or pursuant to the Constitution or laws of the Commonwealth, or any combination of these)?

Local Government*:

- Yes
- Yes - Eligible for consideration
- No - Not eligible for consideration

If the applicant is not a town, city, or county, are letters of support from all affected local governments included in this application?

Letters of Support*:

- Yes
- Yes - Eligible for consideration
- No - Not eligible for consideration

Has this or any portion of this project been included in any application or program previously funded by the Department?

Previously Funded*:

- No
- Yes - Not eligible for consideration
- No - Eligible for consideration

Has the applicant provided evidence of an ability to provide the required matching funds?

Evidence of Match Funds*:

- Yes
- Yes - Eligible for consideration
- No - Not eligible for consideration
- N/A - Match not required

Scope of Work - Studies - Round 4

Scope of Work

Upload your Scope of Work

Please refer to Part IV, Section B. of the grant manual for guidance on how to create your scope of work

Scope of Work*: MOU_CFPF_Smyth Co-MRPDC 2025.11.16_DRAFT.docx

Comments:

Budget Narrative

Budget Narrative Attachment*: Smyth_Resilience Plan CFPF-R6 Budget.xlsx

Comments:

Scoring Criteria for Studies - Round 4

Scoring

Revising floodplain ordinances to maintain compliance with the NFIP or to incorporate higher standards that may reduce the risk of flood damage. This must include establishing processes for implementing the ordinance, including but not limited to, permitting, record retention, violations, and variances. This may include revising a floodplain ordinance when the community is getting new Flood Insurance Rate Maps (FIRMs), updating a floodplain ordinance to include floodplain setbacks or freeboard, or correcting issues identified in a Corrective Action Plan.

**Revising Floodplain
Ordinances*:**

- Yes
- Select

Creating tools or applications to identify, aggregate, or display information on flood risk or creating a crowd-sourced mapping platform that gathers data points about real-time flooding. This could include a locally or regionally based web-based mapping product that allows local residents to better understand their flood risk.

Mapping Platform*: Yes
Select

Conducting hydrologic and hydraulic studies of floodplains. Applicants who create new maps must apply for a Letter of Map Revision or a Physical Map Revision through the Federal Emergency Management Agency (FEMA).

Hydrologic and Hydraulic Studies*: Yes
Select

Funding of studies of statewide and regional significance and proposals will be considered for the studies listed below - Up to 45 points

Studies and Data Collection of Statewide and Regional Significance Scoring:

Updating precipitation data and IDF information (rain intensity, duration, frequency estimates) including such data at a sub-state or regional scale on a periodic basis. (45)

Regional relative sea level rise projections for use in determining future impacts. (45)

Vulnerability analysis either statewide or regionally to state transportation, water supply, water treatment, impounding structures, or other significant and vital infrastructure from flooding. (45)

Flash flood studies and modeling in riverine regions of the state. (45)

Statewide or regional stream gauge monitoring to include expansion of existing gauge networks. (45)

New or updated delineations of areas of recurrent flooding, stormwater flooding, and storm surge vulnerability in coastal areas that include projections for future conditions based on sea level rise, more intense rainfall events, or other relevant flood risk factors. (45)

Regional flood studies in riverine communities that may include watershed scale evaluation, updated estimates of rainfall intensity, or other information. (45)

Regional hydrologic and hydraulic studies of floodplains. (45)

Studies of potential land use strategies that could be implemented by a local government to reduce or mitigate damage from coastal or riverine flooding. (40)

Other proposals that will significantly improve protection from flooding on a statewide or regional basis (35)

Studies and Data Collection of Statewide and Regional Significance*:

New or updated delineations of areas of recurrent flooding, stormwater flooding, and storm surge vulnerability in coastal areas that include projections for future conditions based on sea level rise, more intense rainfall events, or other relevant flood risk factors

Is the project area socially vulnerable? (based on ADAPT Virginia's Social Vulnerability Index Score)

Social Vulnerability Scoring:

Very High Social Vulnerability (More than 1.5)

High Social Vulnerability (1.0 to 1.5)

Moderate Social Vulnerability (0.0 to 1.0)

Low Social Vulnerability (-1.0 to 0.0)

Very Low Social Vulnerability (Less than -1.0)

Socially Vulnerable*: High Social Vulnerability

Is the proposed project part of an effort to join or remedy the community's probation or suspension from the NFIP?

NFIP*: No

Is the proposed project in a low-income geographic area as defined below?

"Low-income geographic area" means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified

opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Low-Income Geographic Area*: Yes

Projects eligible for funding may also reduce nutrient and sediment pollution to local waters and the Chesapeake Bay and assist the Commonwealth in achieving local and/or Chesapeake Bay TMDLs.

Does the proposed project include implementation of one or more best management practices with a nitrogen, phosphorus, or sediment reduction efficiency established by the Virginia Department of Environmental Quality or the Chesapeake Bay Program Partnership in support of the Chesapeake Bay TMDL Phase III Watershed Implementation Plan?

Reduction of Nutrient and No

Sediment Pollution*:

Comments:

Scope of Work Supporting Information - Studies

Scope of Work Supporting Information

Is the proposed study a new study or updates on a prior study?

New or Updated Study*: New Study

Describe the relationship of the study to the local government's needs for flood prevention and protection, equity, community improvement, identification of nature-based solutions or other priorities contained in this manual

Relationship of Study to

Priorities Contained in this

Manual*:

The flood resilience plan directly addresses Smyth County's critical needs for flood prevention and protection following the devastating impacts of Hurricane Helene (September 2024) and Winter Storm Jett (February 2025). The study will identify all flooding occurring throughout the community-including areas outside Special Flood Hazard Areas-and document the number and location of repetitive loss and severe repetitive loss properties, enabling the County to develop targeted, data-driven mitigation strategies.

Equity: The study explicitly addresses flood resilience needs of underserved populations within the community, consistent with the Commonwealth's resilience planning principle to identify and address socioeconomic inequities through adaptation and protection measures. The plan will include considerations of all parts of the locality regardless of socioeconomics or race, ensuring equitable flood protection across the community.

Nature-Based Solutions: Consistent with the Fund's priority for nature-based approaches, the study will incorporate nature-based infrastructure to the maximum extent possible. This aligns with the statutory requirement that priority be given to community-scale hazard mitigation activities using natural systems to reduce flood risk.

Community Improvement: The study will establish project-based strategies for flood control and resilience, including debris management protocols, administrative procedures for substantial improvement/substantial damage determinations, and equitable relocation guidelines where property acquisition is warranted. These elements will strengthen community capacity to respond to and recover from flood events.

Regional Coordination: Through the partnership with the Mount Rogers Planning District Commission, study findings will be incorporated into the regional hazard mitigation plan, fulfilling the manual's emphasis on community and regional scale planning. This coordination ensures consistency with inter-jurisdictional projects and activities while enabling region-specific approaches tailored to local needs.

Best Available Science: The study will be based on the best available science and incorporate climate change considerations and current flood maps, ensuring that mitigation strategies account for both present conditions and future flood risk factors.

Describe the qualifications of the individuals or organizations charged with conducting the study or the elements of any request for proposal that define those qualifications

Qualifications of Individuals

Conducting Study*:

MRPDC has staff with over 30 years of experience working with local governments and has been intimately involved in coordinating Hurricane Helene and winter storm Jett recovery efforts.

Stantec engineering has 50 years experience in flood resilience plan development and is currently working with the City of Galax to develop their flood resilience plan.

Describe the expected use of the study results in the context of the local resilience plan or, in the case of regional plans, how the study improves any regional approach

Expected use of Study Results*:

The study results will serve a dual purpose, informing both local and regional resilience planning efforts. At the local level, the flood resilience plan will be project-based with an emphasis on flood control and resilience. Study findings will identify all flooding occurring throughout the community-including areas outside Special Flood Hazard Areas-and document the number and location of repetitive loss and severe repetitive loss properties. These results will guide the development of specific mitigation projects, nature-based infrastructure solutions, debris management strategies, and equitable relocation guidelines that address the needs of underserved populations. The study will also establish administrative procedures for substantial development within flood-prone areas and create a clearly articulated implementation timeline.

At the regional level, this project establishes a framework for integrating study results into the MRPDC's regional hazard mitigation plan. MRPDC will incorporate data, findings, and flood mitigation actions from Smyth County's flood resilience plan alongside findings from other recently completed flood resilience plans within the planning district. This regional integration is particularly critical following Hurricane Helene (September 2024) and Winter Storm Jett (February 2025), which demonstrated the need for coordinated, cross-jurisdictional approaches to flood resilience. By synthesizing local study results into the regional hazard mitigation plan, the project strengthens regional capacity, ensures consistency across jurisdictions, and enables more effective resource allocation for flood mitigation throughout the Mount Rogers Planning District.

If applicable, describe how the study may improve Virginia's flood protection and prevention abilities in a statewide context (type N/A if not applicable)

Statewide Improvements*:

N/A

Provide a list of repetitive and/or severe repetitive loss properties. Do not provide the addresses for the properties, but include an exact number of repetitive and/or severe repetitive loss structures within the project area

Repetitive Loss and/or Severe Smyth County Repetitive Loss 2024-Hazard-Mitigation-Plan-FINAL.v2.pdf

Repetitive Loss Properties*:

Describe the residential and commercial structures impacted by this project, including how they contribute to the community such as historic, economic, or social value. Provide an exact number of these structures in the project area

Residential and/or Commercial

Structures*:

The project will impact all residential and commercial structures situated within or immediately adjacent to the designated floodplain. This includes all property types: single-family homes, multi-family dwellings, retail establishments, and commercial offices located in the affected area.

If there are critical facilities/infrastructure within the project area, describe each facility

Critical Facilities/Infrastructure*:

The critical facilities and infrastructure in the project area include:

Water and Sewer Treatment Facilities for Marion, Chilhowie, and Saltville.

The Smyth County Public School System (8 schools).

Emergency Services, provided by 6 fire departments.

Healthcare Services through the Smyth County Community Hospital.

Key Transportation Corridors, specifically Interstate 81 and U.S. Routes 11 and 16."

Budget

Budget Summary

Grant Matching Requirement*:

LOW INCOME - Flood Prevention and Protection Studies - Fund 90%/Match 10%

Is a match waiver being requested?

Match Waiver Request No

Note: Only low-income communities
are eligible for a match waiver

*:

**I certify that my project is in a
low-income geographic area:** Yes

**Total Project Amount (Request +
Match)*:** \$371,350.00
**This amount should equal the sum of your request and match figures

**REQUIRED Match Percentage
Amount:** \$37,135.00

BUDGET TOTALS

Before submitting your application be sure that you meet the match requirements for your project type.

Match Percentage:

10.00%

Verify that your match percentage matches your required match percentage amount above.

Total Requested Fund Amount: \$334,200.00

Total Match Amount: \$37,150.00

TOTAL: \$371,350.00

Personnel

Description	Requested Fund Amount	Match Match Amount Source
	\$0.00	\$37,150.00

Description	Requested Fund Amount	Match Amount	Match Source
In-kind from contract/project management and Hazard Mitigation Plan Update	\$0.00	\$37,150.00	MRPDC
	\$0.00	\$37,150.00	

Fringe Benefits

Description	Requested Fund Amount	Match Amount	Match Source
	No Data for Table		

Travel

Description	Requested Fund Amount	Match Amount	Match Source
	No Data for Table		

Equipment

Description	Requested Fund Amount	Match Amount	Match Source
	No Data for Table		

Supplies

Description	Requested Fund Amount	Match Amount	Match Source
	No Data for Table		

Construction

Description	Requested Fund Amount	Match Amount	Match Source
	No Data for Table		

Contracts

Description	Requested Fund Amount	Match Amount	Match Source
Engineering Firm	\$182,800.00	\$0.00	
MRPDC	\$151,400.00	\$0.00	
	\$334,200.00	\$0.00	

Pre-Award and Startup Costs

Description	Requested Fund Amount	Match Amount	Match Source
	No Data for Table		

Other Direct Costs

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Supporting Documentation

Supporting Documentation

Named Attachment	Required Description
Detailed map of the project area(s) (Projects/Studies)	Smyth Map
FIRMette of the project area(s) (Projects/Studies)	
Historic flood damage data and/or images (Projects/Studies)	
A link to or a copy of the current floodplain ordinance	https://library.municode.com/va/smyth_county/codes/code_of_ordinances?nodeId=CH29FLM
Maintenance and management plan for project	
A link to or a copy of the current hazard mitigation plan	https://mrpdc.org/wp-content/uploads/2025/05/2024-Hazard-Mitigation-Plan-FINAL.v2.pdf
A link to or a copy of the current comprehensive plan	https://www.smythcounty.org/Document%20Centers/Government/Boards%20&%20Committees/202408150820430
Social vulnerability index score(s) for the project area	Smyth County has census tracts that include predominantly High and Moderate socially vulnerable populations.

Named	Attachment	Required Description
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Authorization to request funding from the Fund from governing body or chief executive of the local government

Signed pledge agreement from each contributing organization

Maintenance Plan

Benefit-cost analysis must be submitted with project applications over \$2,000,000. in lieu of using the FEMA benefit-cost analysis, the applicant must submit a benefit-cost analysis that compares the benefits of a flood mitigation project and compares those benefits to its cost-effectiveness.

Benefit Cost

Analysis

Other Relevant Attachments

Letters of Support

Description	File Name	Type	Size	Upload Date
No files attached.				