

2025 Grant Training

Community Flood Preparedness Fund
Round 6



Modules

- Community Flood Preparedness Fund Round 6
- Resilience Plans
- Resources
- Web Grants
- Questions

Community Flood Preparedness Fund

Round 6

General Conditions & Requirements

Schedule & Total Funds Available

Categories

Applications

Scoring, Review, Awards

Changes Since Last Round

General Conditions & Requirements

The CFPF was established to provide support for regions and localities across Virginia to reduce the impacts of flooding.

- Moneys shall be used to implement flood prevention & protection in areas of recurrent & future flooding.
- No less than 25% of moneys disbursed each year shall benefit low-income geographic areas.
- Shall prioritize community-scale mitigation that uses nature-based solutions to reduce flood risk.
- Shall prioritize projects in concert with local, state & federal floodplain management standards, and local, regional and statewide resilience plans.

General Conditions & Requirements

General grant conditions:

- Each discrete activity or project requires a separate application.
- No activity funded by a previous CFPF round is eligible.
- Indirect costs or supplanting of existing salaries are *not* eligible. Additional staff *is* an eligible cost.
- Local governments may execute subrecipient agreements with public, private or non-profit entities.
- CFPF moneys may be used as a match for other funding sources, but *not* as a match for other CFPF grants. Moneys designated as match for CFPF grants may *not* be used as match for other grants.
- Resilient Virginia Revolving Loan Fund monies may be used as match for CFPF.

CFPF Schedule

- Early September...Round 6 opens
- Mid October....Round 6 closes
- December... Award announcements

CFPF Round 6 Funds Available

Funding Category	Funding Type	Amount	Notes
Capacity Building & Planning, Studies, Resilience Projects	Grants	50M	Awards require match that varies depending on activity / project type. Reduced match for low-income geographic areas. Total awards per applicant are capped.
Long Term	Loans	25M	Below market-rate loans for resilience projects. Awards do not require match. Designed primarily to accommodate large projects that exceed grant caps.
Short Term	Loans	10M	Short term loans to provide initial funding for activities that are awarded grants. CFPF grants are paid primarily on a reimbursement basis which is a limiting factor for some localities.

Categories

Capacity Building & Planning

Foundational efforts toward developing and implementing comprehensive approaches to flooding, prioritizing vulnerability assessments and resilience plans. (60 month/5-year grant period)

- Funds for services or personnel necessary to develop plans and programs, including:
 - Resilience plans (including updates)
 - Policy and procedure updates
 - Comprehensive evacuation plans, debris management plans
- Examples of past Capacity Building & Planning awards:
 - Floodplain staff capacity, essential equipment / software
 - Resilience plan development or updates
 - Community engagement / vulnerability assessment efforts in advance of adaptation plan
 - Development of an acquisition program
 - Creation of flood education and outreach website
 - Hazard mitigation plan update (in addition to FEMA BRIC funds)

Categories

Capacity Building & Planning

Foundational efforts toward developing and implementing comprehensive approaches to flooding, prioritizing vulnerability assessments and resilience plans.

Match

Low-Income Geographic Areas: fund 90% / match 10%*

All other areas: fund 50% / match 50%

Min / Max Award

Minimum: \$5,000

*upon request, match may be waived to a maximum of \$50,000 for LIGAs.



Categories

Studies

Designed to improve long term planning and the effectiveness of resilience plans and projects

Examples:

- Establishing processes (recordkeeping, permitting), instituting higher standards, working through a Corrective Action Plan
- Hydraulic or hydrologic studies of a floodplain, locality-wide drainage study, risk assessment and mitigation strategies
- Data collection of statewide and regional significance:
 - Updating precipitation and IDF (intensity / duration / frequency) data at a regional scale on a periodic basis
 - Regional relative sea level rise projections for use in determining future impacts
 - Vulnerability analysis of transportation, water supply, water treatment, impounding structures, or other vital systems
 - Flash flood studies and modeling in riverine areas
 - Statewide or regional stream gauge monitoring to include expansion of gauge networks
 - New or updated delineations of areas of recurrent flooding, stormwater flooding and storm surge vulnerability
 - Regional hydrologic and hydraulic studies of watersheds and floodplains

Categories

Studies

Designed to improve long term planning and effectiveness or resilience plans and projects

Match

Low-Income geographic areas: fund 90% / match 10%*

All other areas: fund 50% / match 50%

Min / Max Award

Minimum: \$5,000

*upon request, match may be waived to a maximum of \$50,000 for LIGAs.

Categories

Flood Prevention and Protection Projects

Activities to prevent loss of life and reduce property damage caused by flooding.

Examples:

- Nature-based solutions including but not limited to: wetland restoration, floodplain restoration, swales, settling ponds, vegetated buffers
- Additional flood control structures including but not limited to: floodwalls, levees, berms, flood gates, structural conveyances / stormwater systems, Low Impact Development BMPs in urban areas
- Dam repair or removal to mitigate the risk of catastrophic flooding
- Beneficial reuse of dredge materials for flood protection
- Relocation or demolition of structures in flood-prone areas
- Preservation or creation of open space in perpetuity for the purposes of flood mitigation
- Project design and specification development.

Category Specific Requirements

Flood Prevention and Protection Projects:

- Locality must have an **approved Resilience Plan** on file with DCR.
- Project proposal must be **endorsed by a Certified Floodplain Manager (CFM)**.
- Applications must demonstrate projected project lifespan of *at minimum* ten years.
- Application must include data that demonstrates the proposal minimizes flood vulnerabilities and does not create adverse impacts.
- Any project requiring ongoing maintenance must have a monitoring / maintenance section included in submission.
- Projects that fail in conditions ***within*** design specifications must be replaced at locality's expense, or funds reimbursed to DCR.
- Projects proposed in a regulatory floodway must show no-rise or require a Letter of Map Revision.
- Projects on private property will not be considered unless community scale benefits apply.
- Projects outside of compliance with the NFIP will not be considered.
- Dredging costs will not be considered unless they reduce flooding in the surrounding floodplain.
- Land acquisition projects must be tied to flood mitigation and require special documentation. (see manual)
- Projects undertaken by entities other than the local government must include letters of support.

Categories

Flood Prevention and Protection Projects

Grants

Match for low-income geographic areas*

Projects that will result in nature-based solutions: fund 95% / match 5%

Projects that will result in hybrid solutions : fund 90% / match 10%

All other projects: fund 85% / match 15%

Match for all other areas

Projects that will result in nature-based solutions: fund 70% / match 30%

Projects that will result in hybrid solutions : fund 60% / match 40%

All other projects: fund 50% / match 50%

*upon request, match may be waived up to 1M for LIGAs.



Categories

Flood Prevention and Protection Projects

Grants

Min / Max Award

Minimum: \$50,000

Maximum: \$7,500,00

No applicant shall be awarded more than \$7,500,000 in grants total this round.

Categories

Flood Prevention and Protection Projects

Long Term Loans and Match Loans

Min / Max

Minimum: \$250,000

Maximum: \$7,500,000 per applicant

Match Loan Maximum (from RVRF): 100% of required CFPF match

Terms

Low-income geographic areas: 1.0% interest + .2% fee = 1.2%

All other areas: 2.0% interest + .2% fee = 2.2%

Duration of 20 years or less after project completion & not longer than expected
design life of project

Categories

Flood Prevention and Protection Projects

Short Term Loans

Min / Max

Minimum: \$100,000

Maximum: 20% of total project cost

Terms

Low-income geographic areas: 1.0% annual interest

All other areas: 2.0% annual interest

For initial project costs (paired with Project grant), no longer than 36 mos.

Applications

Contents

- Major sections
 - Application Form (organizational info, including CID found at <https://www.fema.gov/cis/VA.html>)
 - Scope of Work Narrative (different for each category) – reference Part V of manual
 - Budget Narrative - reference Part V and Appendix B of manual
- Using the Checklists

Process

- Web Grants
 - General advice
- Deadline
 - 11:59 p.m. October X, 2025
 - No extensions. Applications must be complete.

Scoring, Review & Award

- Scoring allows ranking to prioritize limited funds.
- Reference the grant manual for criteria.
- Levels of review:
 - Department
 - Committee
 - Secretary of Natural Resources & Chief Resilience Officer
 - Virginia Resources Authority
- Preliminary Award letter and notice posted to DCR website
- 90 days to sign grant agreement with VRA
- New awardee orientation

Changes Since Last Round

- Tribes are now eligible applicants (legislative change)
- Studies category is now 50% fund, 50% match for non-low-income areas.
- Resilience plans must be submitted no less than 30 days prior to application period.
- Resilience plans should be consistent with HMP, Comprehensive and other plans, and promote collaboration between overlapping local govts.
- Advisory Review Committee will consider progress and management of active CFPF grants by applicant when making recommendation.
- Property acquisitions will only be considered if they provide community-scale benefit.
- Projects to protect public recreation areas will be evaluated on their benefits outside of the public access area.
- Projects in coastal areas must upload study and project info to Coastal Resilience Web Explorer
- Capacity building grants to hire staff can be “renewed” for one additional cycle, and are limited to low-income localities.
- Studies that would duplicate existing data are prohibited.

Resilience Plans

Plan Requirements

Elements

Plan Requirements

An approved Resilience Plan is *required* for CFPF Project category funds.

Purpose

- To ensure grant funds are spent in a thoughtful, efficient manner that aligns with the fund goals

Process

- Must be approved in advance of Project application
- Can use Capacity grant to build a plan and apply for a Project grant in a subsequent round
- Approval lasts 5 years

General Requirements

Plan must be adopted by *locality* where project will occur, regardless of entity submitting.

Plan must be endorsed by a Certified Floodplain Manager.



Plan Elements

A Resilience Plan must describe the *entire* local government's approach to flooding.

Structure

- Can be a single original document or compiled excerpts from relevant plans.
- Must include an executive summary of relevant elements as outlined in Appendix F of CFPF grant manual and identify the sources of information.
- Appendix F lists *nine critical elements* that must be addressed.

Plan Elements

Nine Critical Elements

1. It is project based with a focus on flood control & resilience
2. It incorporates nature-based infrastructure to the maximum extent possible
3. It includes all parts of a community regardless of socioeconomics or race, and addresses flood resilience needs of underserved populations
4. It identifies flooding issues in all areas of the community, not just SFHAs, and addresses repetitive loss properties
5. If property acquisitions are included, must also include equitable relocation strategies (if applicable)
6. It includes a strategy for debris management in water channels and floodplains
7. It includes administrative procedures for substantial damage / improvement of structures within the SFHA
8. It includes coordination with other local and inter-jurisdictional plans and projects and has a timeline for implementation
9. It is based on the best available science and incorporates climate change, sea level rise, storm surge (where appropriate) and current flood maps



Developing Your Plan

Evaluate Your Needs & Capabilities

- How robust does our plan need to be?
- What resources do we have (time, staff)?
- Should we make a stand-alone plan or a compilation?
- Should we apply for a capacity building grant and hire a contractor?

Developing Your Plan

Typical Sources

Local or Regional Plans to which the locality is a party

- Hazard Mitigation Plans
- Comprehensive Plans
- Stormwater and Drainage Plans
- Strategic Plans that cover topics like wetland restoration, green / gray infrastructure, land use.

Look for sections that have:

- Proposed projects that enable the community to thrive and adapt in the face of hazards
- Strategies and policies for government-wide flood protection
- Documentation of existing social, economic and natural context and assets
- Inventories of vulnerabilities, stressors, critical facilities
- Land use policies that guide development away from high-risk areas and preserve open space
- Plans for community engagement and building networks of support
- Frameworks for response and recovery to flooding events

Resources

DCR Flood Resilience Open Data Portal

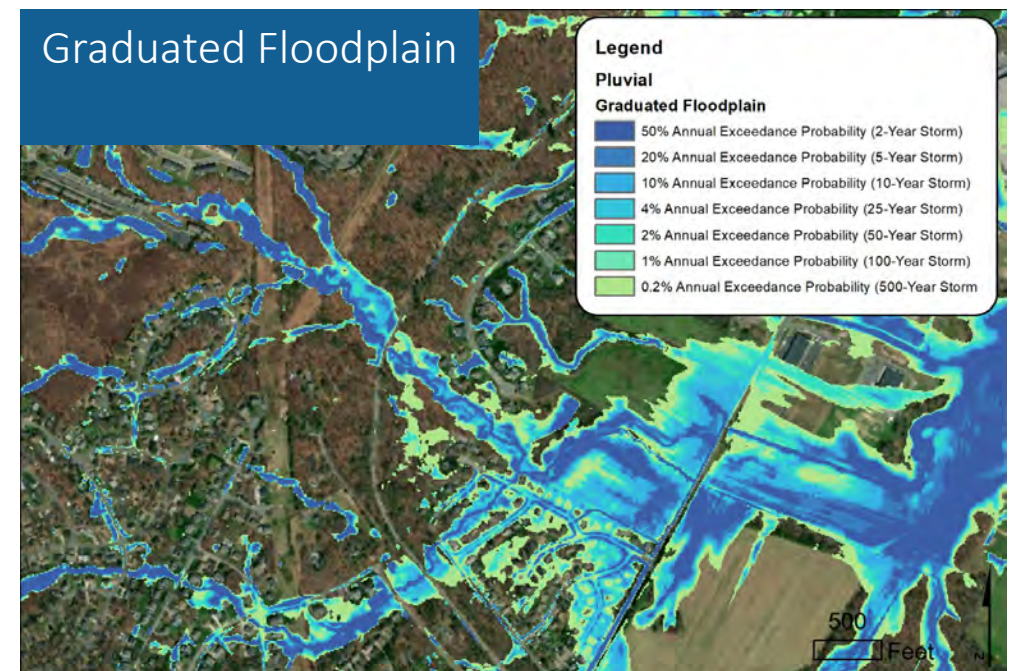
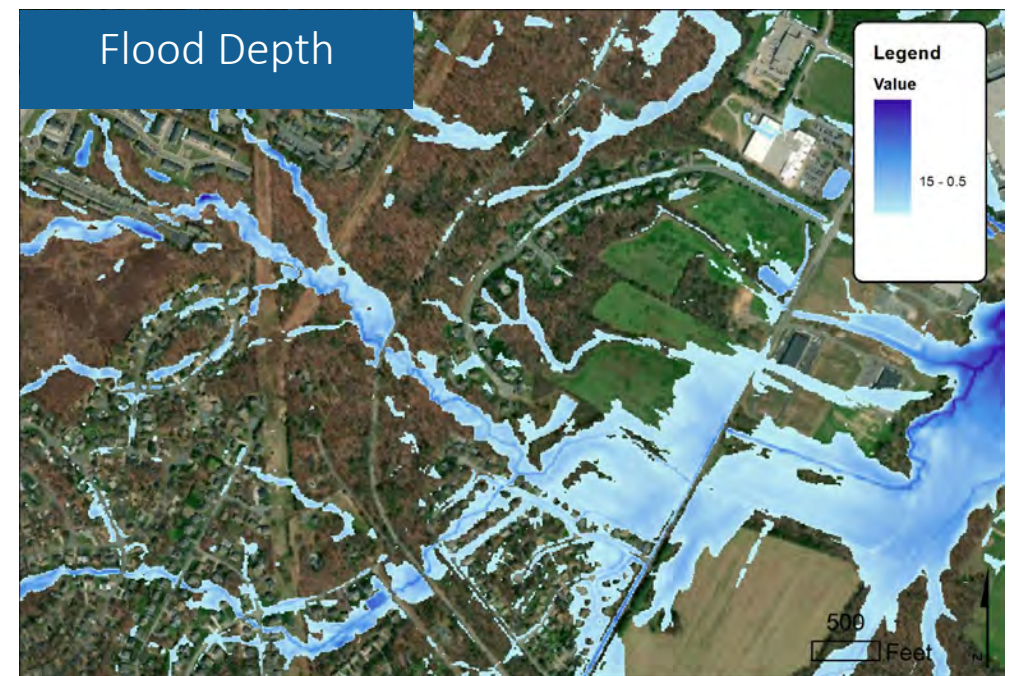
VFRIS (Virginia Flood Risk Information System)

Conserve VA

RAPT tool

Forward-Looking Flood Hazard Data Products Available from DCR

- DCR makes forward-looking flood hazard data available to you.
- Data is appropriate to support with CFPF application development and, in some cases, award implementation.
- There are multiple options to access the data. Options vary in required level of familiarity with spatial data tools and formats.
- More information and access to most data is available via the Flood Resilience Open Data Portal:
floodplan-vdcr.hub.arcgis.com.
- Contact the DCR Office of Resilience Planning with questions or help accessing the data:
flood.resilience@dcr.virginia.gov.



Forward-Looking Flood Hazard Data Products Available from DCR

	COASTAL	STATEWIDE
Source	Developed/compiled by DCR and its contractors.	Procured by DCR from Fathom, a third-party data provider.
Geographic Area	Coastal: localities within any of the eight easternmost Planning District Commissions in Virginia.	Statewide: The entire Commonwealth of Virginia.
Flood Hazards	Separate datasets for coastal and rainfall-driven (pluvial) hazards. Several combined versions of these datasets that include the FEMA riverine SFHA are also available.	Separate datasets for inland (pluvial/fluvial) and coastal flood hazards. Several merged versions of these datasets are also available.
Recurrence Intervals	Seven recurrence intervals: 1 in 2, 5, 10, 25, 50, 100, and 500 year return frequencies. Three tidal conditions are also available for coastal data.	Five recurrence intervals: 1 in 10, 25, 50, 100 and 500.
Planning Scenarios	Five planning scenarios: baseline (2020), plus “moderate” and “high” scenario options for the near future (2030-2060) and far future (2060-2100) time horizons.	Five planning scenarios: baseline (2020), plus two potential outcomes for the 2060 and 2100 time horizons.
Format and Resolution	10-foot resolution raster depth grids and graduated floodplains.	10-meter resolution raster depth grids.
Access	Free and open access to data and methodology via DCR’s Flood Resilience Open Data Portal	Free and open access to 1 in 100 year data via DCR’s Flood Resilience Open Data Portal. Free and open access to the 1 in 500 year data will also be available soon. Access to other products for VA public institutions available via sub-license agreement with DCR.

Uploading Awards to the Projects & Initiatives Inventory (Coastal Virginia)

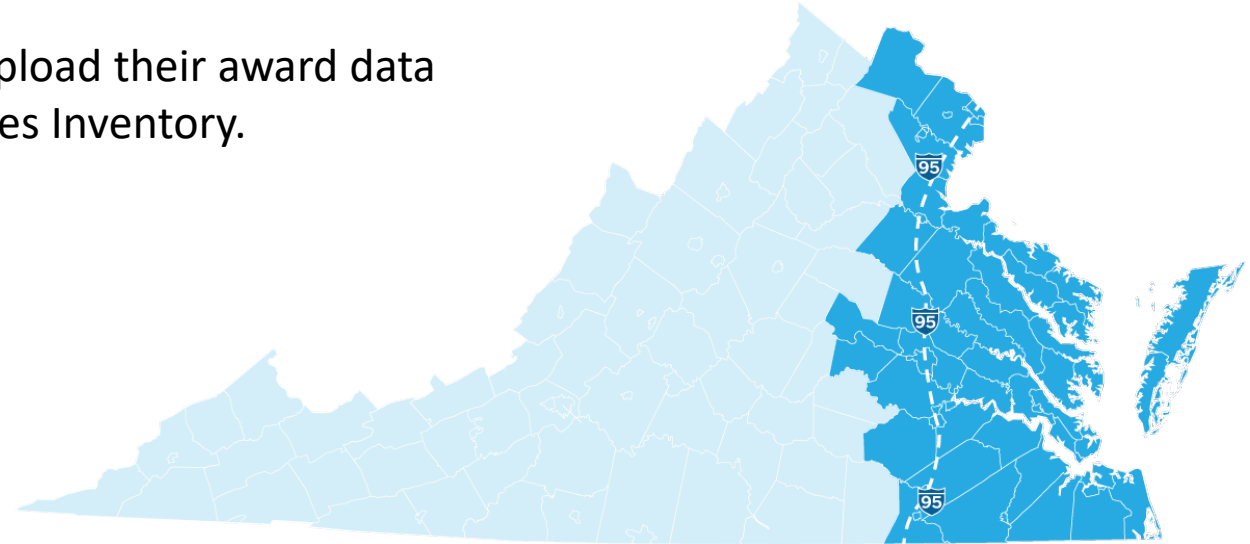
New requirement for Round 6: successful applicants must upload their award data to the Coastal Resilience Web Explorer's Projects & Initiatives Inventory.

What is the Coastal Resilience Web Explorer Projects & initiatives Inventory?

- The Web Explorer is an online tool to present findings from the Coastal Resilience Master Plan in an interactive format.
- The Web Explorer includes access to an inventory of planned, ongoing and completed flood resilience projects and initiatives.
- This inventory is a “living” resource. It is updated independently from the plan to provide timely information on opportunities for building flood resilience.
- Visit the Web Explorer: dcr.virginia.gov/crmp/ResilienceExplorer

How do I upload an award to the inventory?

- Submit key information about your project or initiative through an online user portal: floodplan.dcr.virginia.gov/userportal.
- Information submitted through the User Portal is automatically incorporated into the Web Explorer once approved by DCR staff.
- Contact the DCR Office of Resilience Planning with questions or to request assistance: resilience.explorer@dcr.virginia.gov.



- Relevant only for awards located in any of the eight easternmost planning district commissions.
- Relevant to all award types *except* staff capacity building projects.
- Awardees are encouraged to upload their data as soon as possible following execution of the grant agreement.
- Awardees must upload their data to the inventory to be eligible to receive reimbursements.

Resources

VIRGINIA FLOOD RISK INFORMATION SYSTEM (VFRIS)

<https://casdsis.dcr.virginia.gov/VFRIS/>

Virginia's own flood risk viewer features the FEMA National Flood Hazard Layer as well as:

- National Wetland Inventory
- Coastal Barrier Resource System
- Sea Level Rise Inundation Area
- Dam Points
- Dam Break Inundation Zones
- 1% Annual Chance Depth Raster
- 1% Annual Chance Water Surface Elevations
- HEC RAS model downloads (where available)

TOOL: [VFRIS](#)





Are You In A Flood Zone?

Find address or place



DCR VFRIS - Virginia Flood Risk Information System

Home Map Help & Downloads



Find address or place



Flood Tool Layers Legend

Annual Flood Risk: Minimal Risk

This Location has minimal risk of flooding

Learn More about Special
flood Hazard Areas
(SFHA's)



Flood Map Info

FEMA's Flood Map: [View](#) | [Download](#)
Map Effective Date: 12/15/2008
Contacts: [View](#)

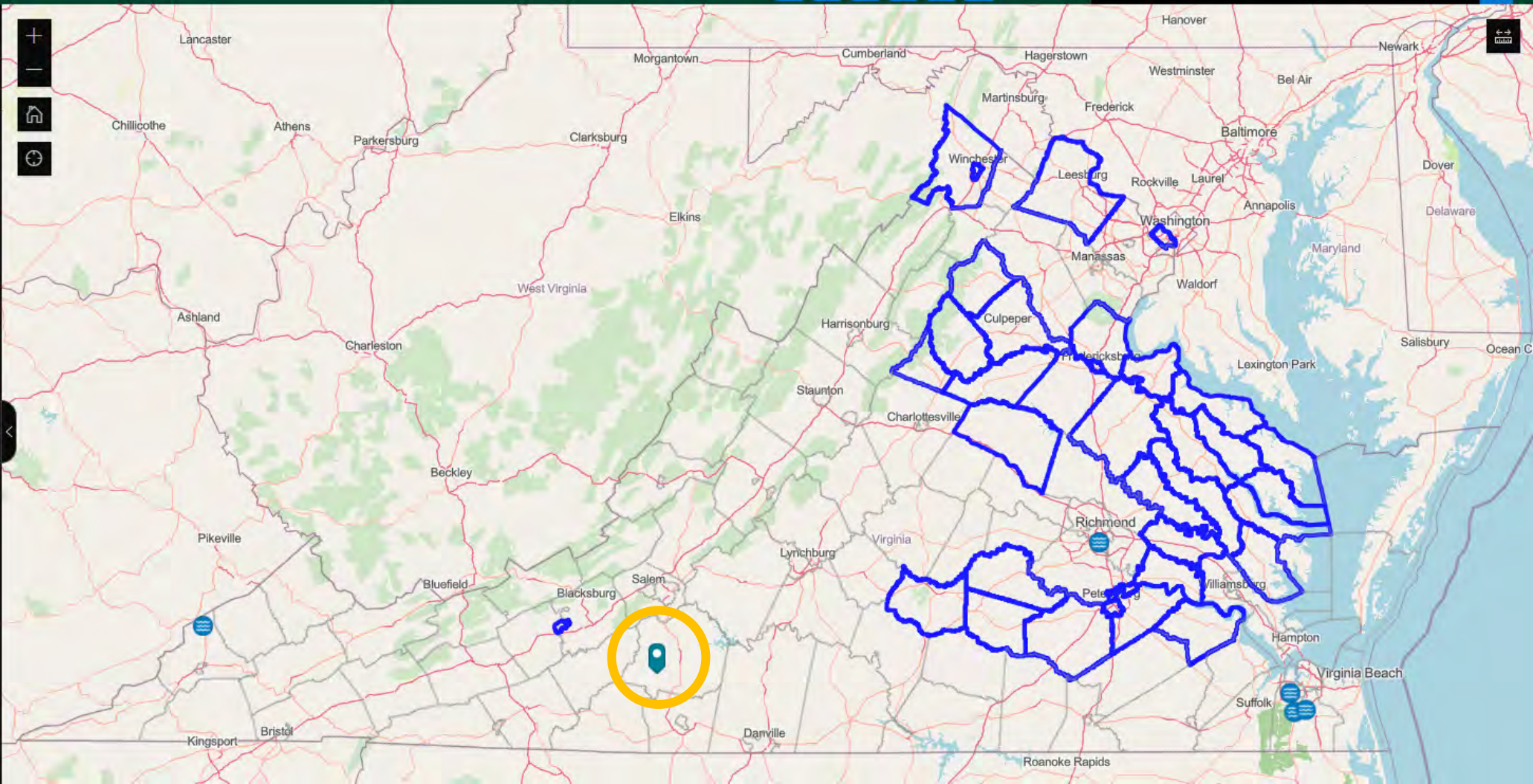
Community

Community: Franklin County
CRS Class:
Policy Discount %:
CID: 510061
Flood Insurance Study: [View](#)

Structure Info

Approximate Elevation (ft): 1320.65

No structure information was found at this location. The structure data used by VFRIS is updated periodically but does not include all structures in the Commonwealth





Find address or place 

Flood Tool Layers Legend

- ☐ Political Jurisdictions
- ☐ LOMRs
- ☒ NFHL Cross Sections
- ☒ NFHL Baselines
- ☒ NFHL Hydraulic Structures
- ☒ NFHL Coastal
- ☒ NFHL Water Layers
- ☒ NFHL Gages and Markers
- ☒ NFHL Flood Hazard Areas
- ☒ NFHL Hydrologic
- ☒ NFHL Model Metadata

☒ Social Vulnerability Block Groups 2020

-  Very Low Social Vulnerability
-  Low Social Vulnerability
-  Moderate Social Vulnerability
-  High Social Vulnerability
-  Very High Social Vulnerability

☐ Environmental References

VA SVI BlockGroups 2020: Block Group 3

SVI_Class	Moderate Social Vulnerability
SVI_Index_CFPF	0.77
THEME1	0.62
THEME2	0.47
THEME3	0.66
THEME4	0.73
THEMES	0.55
TRACTCE	451502

 Zoom to



Find address or place

Flood Tool

Layers

Legend

☐ Political Jurisdictions

☐ LOMRs

☒ NFHL Cross Sections

☒ NFHL Baselines

☒ NFHL Hydraulic Structures

☒ NFHL Coastal

☒ NFHL Water Layers

☒ NFHL Gages and Markers

☒ NFHL Flood Hazard Areas

☒ NFHL Hydrologic

☒ NFHL Model Metadata

☒ Social Vulnerability Block Groups 2020

☐ Environmental References

Very Low Social Vulnerability

Low Social Vulnerability

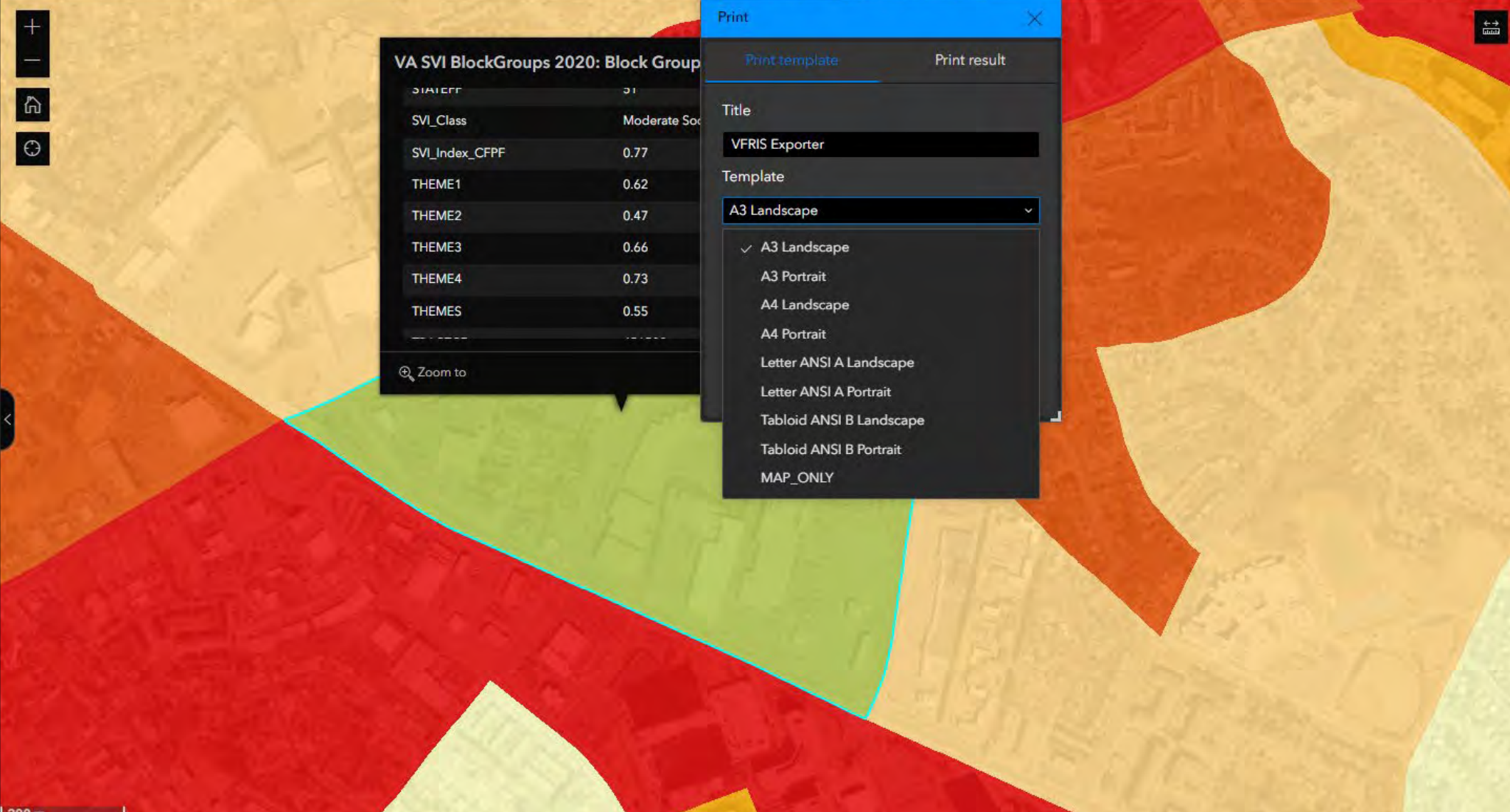
Moderate Social Vulnerability

High Social Vulnerability

Very High Social Vulnerability

...

...



Print

Print template

Print result

Title

VFRIS Exporter

Template

A3 Landscape

☒ A3 Landscape

A3 Portrait

A4 Landscape

A4 Portrait

Letter ANSI A Landscape

Letter ANSI A Portrait

Tabloid ANSI B Landscape

Tabloid ANSI B Portrait

MAP_ONLY

Other Resources

ConserveVirginia

TOOL: Virginia Natural Heritage Data Explorer <https://vanhde.org/content/map>

ConserveVirginia is a map of Virginia's highest conservation value lands that are currently unprotected.

Resilience Analysis and Planning Tool (RAPT)

TOOL: [RAPT](#)

Over 100 data layers that allows you to visualize and analyze data to inform resilience planning.