



Flood Resilience Advisory Committee

December 17, 2025

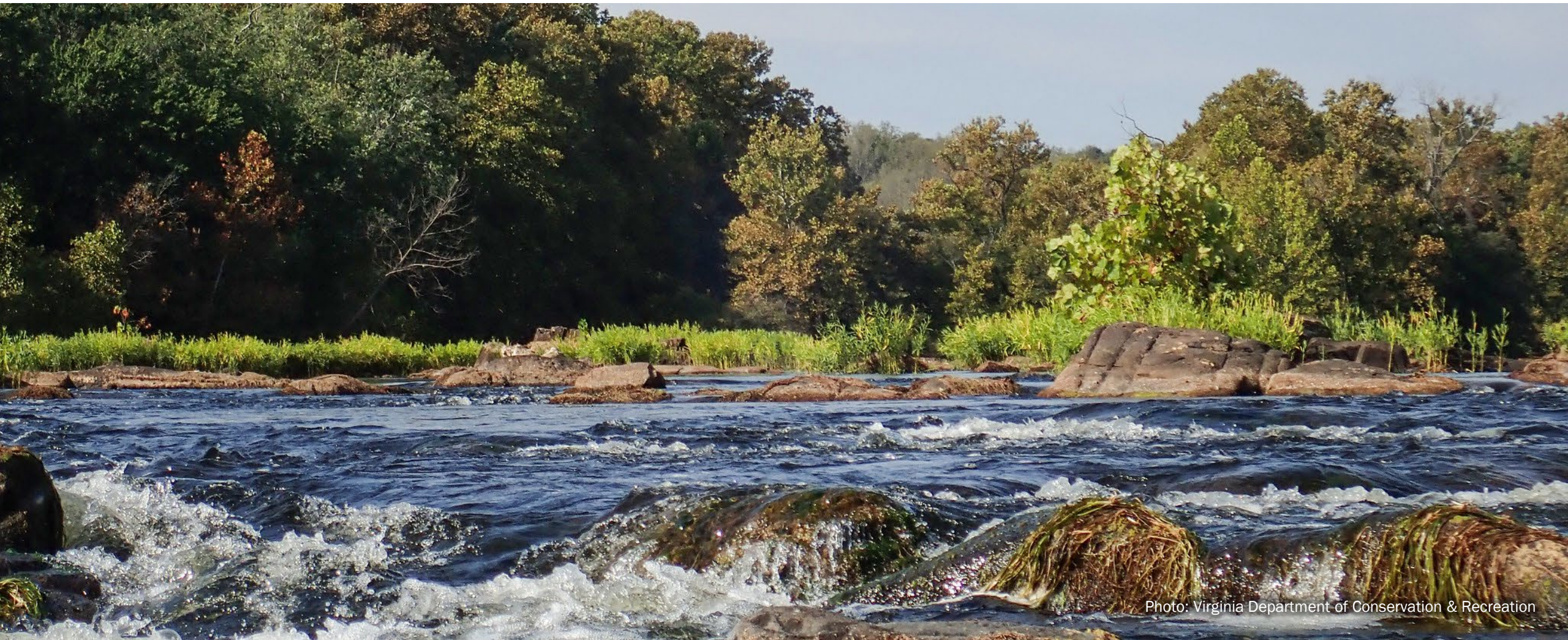


Photo: Virginia Department of Conservation & Recreation

Full Name	Title	Organization
Andrew Smith (Chair)	Acting Director	Virginia Department of Conservation and Recreation
Greg Steele (Vice-chair)	Chief Resilience Officer	Virginia Office of Resilience
Martin D. Brown	Chief Diversity Officer	Office of Diversity, Opportunity and Inclusion
Robbie Coates	Director, Grant Management and Recovery Division	Virginia Department of Emergency Management
Shawn Crumlish [Peter D'Alema]	Executive Director [Director of Program Management]	Virginia Resource Authority
Bill Curtis	Assistant Director	Virginia Department of Housing and Community Development
Jamie Green	Commissioner	Virginia Marine Resources Commission
LJ Hansen	Director of Public Works, Virginia Beach	Virginia Municipal League
James Hutzler	Government Relations Associate	Virginia Association of Counties
Fred Kirby	State Review Engineer	Virginia Department of General Services
Adrienne Kotula	Virginia Director	Chesapeake Bay Commission
John Lawson	Director	Office of Intermodal Planning and Investment
Rachael Peabody	Acting Executive Director, MPPDC	Virginia Association of Planning District Commissions
Alex Samms	Chief Deputy	Virginia Department of Environmental Quality
Chris Swanson [Angel Deem]	Director, Environmental Division [Chief of Policy]	Virginia Department of Transportation

Meeting Agenda

- 1) Call to Order & Roll Call
- 2) Adoption of the Agenda
- 3) Adoption of the Meeting Minutes from Sept 10, 2025
- 4) Recommendations of the
Joint Subcommittee on Recurrent Flooding
- 5) Chief Resilience Officer Updates
- 6) Department of Conservation and Recreation Updates
- 7) Virginia Flood Protection Master Plan
- 8) Committee Member Updates
- 9) Public Comment
- 10) Adjourn



Recommendations of the Joint Subcommittee on Recurrent Flooding

Jay Ford - Chesapeake Bay Foundation

Chief Resilience Officer Updates

Greg Steele - Chief Resilience Officer

Department of Conservation and Recreation Updates

Darryl Glover – DCR Deputy Director

CFPF Grant History – Rounds 1-5

	All Categories		Capacity Building and Planning				Study		Project			
Round	Number of Awards	Dollar Amounts	Number of Awards	Dollar Amount	Awards Supporting Staff	Dollar Amount Supporting Staff	Number of Awards	Dollar Amount	Number of Awards	Dollar Amount	Awards Supporting Stormwater Projects	Dollar Amount Supporting Stormwater Projects
1	19	\$7,743,101.00	7	\$1,429,242.00	0	\$0.00	5	\$1,697,261.00	7	\$4,616,598.00	2	\$1,215,200.00
2	30	\$24,551,923.00	16	\$6,588,328.00	3	\$455,516.00	5	\$2,710,938.00	9	\$15,252,657.00	5	\$6,044,470.00
3	27	\$13,631,238.87	12	\$1,448,933.37	6	\$1,023,377.37	8	\$1,123,106.00	7	\$11,059,199.50	4	\$6,836,540.50
3S	22	\$51,477,398.22	5	\$593,616.00	2	\$481,895.00	3	\$519,912.50	14	\$50,363,869.72	2	\$6,094,000.00
4	50	\$53,877,651.43	18	\$6,605,083.37	4	\$1,351,173.52	16	\$9,203,340.22	16	\$38,069,227.84	6	\$15,130,414.76
5	60	\$49,562,112.92	26	\$7,112,238.96	3	\$1,327,633.46	20	\$5,488,005.20	14	\$36,961,868.76	4	\$13,198,931.15
Totals	208	\$200,843,425.44	84	\$23,777,441.70	18	\$4,639,595.35	57	\$20,742,562.92	67	\$156,323,420.82	23	\$48,519,556.41

- 208 total grants have been awarded in Rounds 1-5, totaling \$201M
- 18 grants support locality staffing, totaling \$4.6M
- 23 grants support stormwater projects, totaling \$48.5M

CFPF Loan Demand Is Growing

- Beginning in Round 4, the CFPF program has offered loans.
- The first requests for CFPF loans occurred in Round 5, with 2 loans requested totaling \$13.8M.
- An additional 4 loans totaling \$11.2M were offered to Round 5 applicants with eligible projects that did not rank high enough for grant funding.
 - The deadline to accept these offers is 12/30/2025.
- Round 6 has had 2 requests for loans totaling \$30.8M.

CFPF Round 6 Application Summary

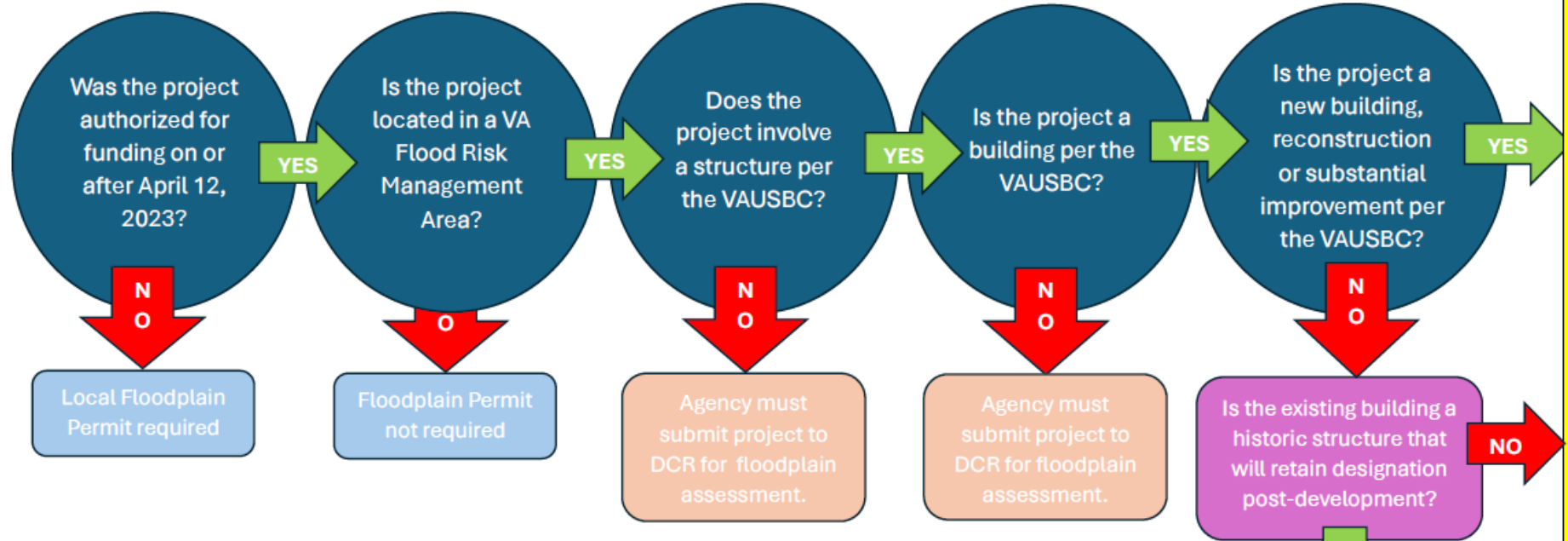
- Round 6 of the Community Flood Preparedness Fund closed its application window on December 1st, 2025.
- 78 applications were submitted by localities, planning district commissions, and tribes across the Commonwealth.
- Approximately \$125 million in grant funds were requested, with 70% of requests coming from low-income geographic areas.

CFPF Category	Capacity Building	Studies	Projects	USACE Projects	Total
Application Count	27	21	29	1	78
Application Amount	\$9.6M	\$8.4M	\$81.4M	\$25M	\$125M

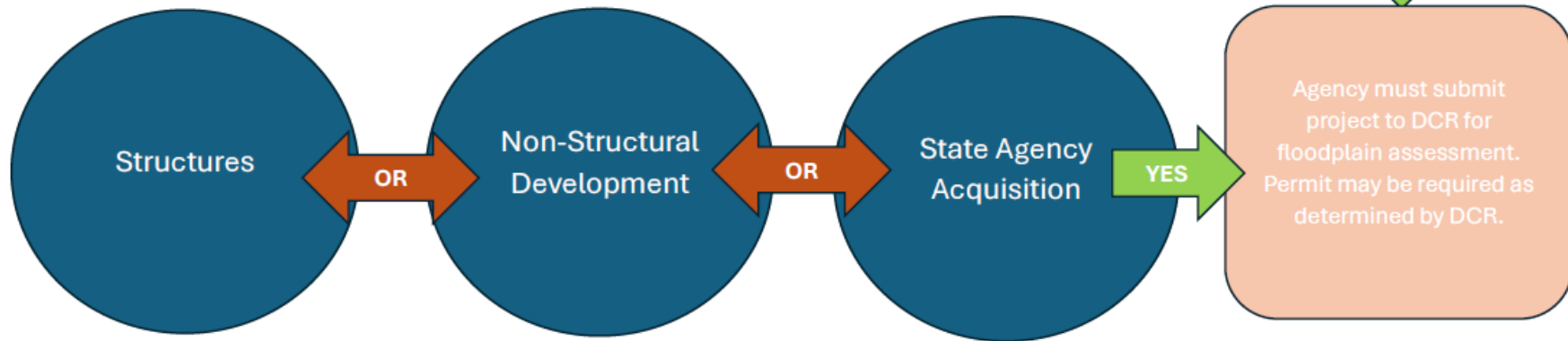
Virginia Floodplain Management Standards

[§ 10.1-603]

Buildings



Other Types of Development *(roads, silviculture, living shorelines, etc.)*



Examples of Development

Building: Pumphouse, Toll Booth, Shed, Guard Shack, Tower, Silo, etc.

Structure: Bridge, Culvert, Berm, Levee, Dam, Signage, Poles, Fences, Statues, etc.

Non-Structural/Linear Development: Athletic field, Paving, Landfill, Temporary or Permanent Material storage, etc.

Coastal Resilience Master Plan, Phase II

More than six million people, or more than 70% of the state's population, call coastal Virginia home.



A place-specific, long-range plan guiding activities to mitigate severe and repetitive flooding in coastal Virginia.

- Provides a unified **analysis of the threat** of increasing flood exposure and impacts.
- Identifies **opportunities** to create impactful flood resilience solutions.

The plan is in the final stages of development.



Lathan Goumas/Virginia Sea Grant



Learn more online:
dcr.virginia.gov/crmp



Coastal Resilience Master Plan, Phase II

OPPORTUNITIES

- Increase regionwide coordination for flood resilience
- Build local funding and financing capacity
- Incorporate more nature-based approaches, where appropriate
- Consider future conditions in policy and projects
- Explore new projects in areas with unaddressed flood risks.

The plan includes 20 recommendations identified by the Coastal Resilience Technical Advisory Committee.

IMPLEMENTATION EFFORTS UNDERWAY

- Increase stakeholder use of CRMP Products
 - Engage end users
 - Improve data accessibility
 - Support data uptake
- Support implementation of flood resilience projects and initiatives
 - Maintain and update the Projects and Initiatives Inventory and Funding Opportunities Database
 - Investigate new and existing flood resilience actions

Through September 2025, DCR has engaged with 120 end users about opportunities to use CRMP products.

Virginia Flood Protection Master Plan

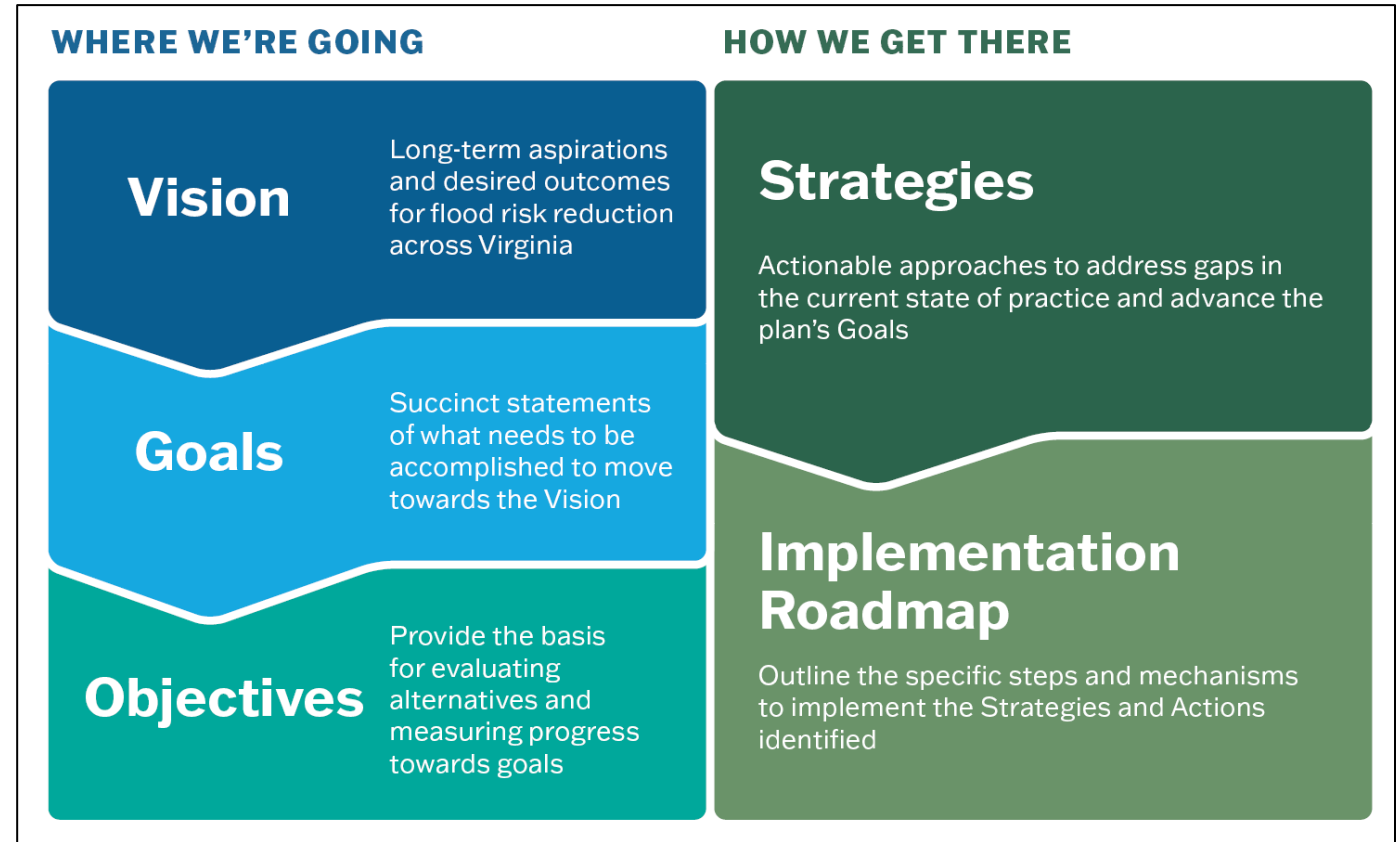
Overview

Monitoring and Metrics

VFPMP Evaluation Framework & Indicators Background

Purpose of VFPMP Indicators:

- Utilize VFPMP data to track progress in mitigating flood risk
 - Expectation **is** to track how the risk is changing over time to be adaptable and responsive
 - Expectation **is not** to see large reductions in risk within a 5-year planning cycle due to data limitations
- Evaluate effectiveness of VFPMP Strategies in advancing VFPMP Goals and Objectives



VFPMP Goal A – Mitigate Current and Future Flood Risks Statewide

Objectives	Indicators	<i>[Data Source], (Reference Data)</i>
<ul style="list-style-type: none">• Reduce negative effects on human health from flooding.• Reduce negative impacts to vulnerable populations from flooding.• Reduce flood damage to buildings and infrastructure.• Reduce economic disruptions and losses from flooding.• Reduce negative effects to natural and cultural resources from flooding	<ul style="list-style-type: none">• Flood Event Based Impacts<ul style="list-style-type: none">• Injuries and fatalities [NCEI]• Property and crop damages [NCEI]• Number of cultural and historic sites impacted [DHR?]• Duration of recovery period [?]• Potential Flood Impacts<ul style="list-style-type: none">• Percent of population in areas subject to major flooding (8%, VFPMP)• Percent of buildings in areas subject to major flooding (7%, VFPMP)• Average Annualized Loss from severe and recurrent flooding (\$7B, VFPMP)• Acres of Conserved Lands (4.33M acres, DCR)	

VFPMP Goal B – Advance Lasting and Unified Strategies to Address Flood Risks

Objectives	Indicators	<i>[Data Source], (Reference Data)</i>
<ul style="list-style-type: none">• Increase understanding of current and potential future flood risks.• Strengthen the ability to prepare for and manage flood risks.• Increase the adaptability and effectiveness of flood resilience strategies to potential future conditions and regional interests.• Increase the return on public investments in flood resilience.• Increase the accessibility of flood resilience resources, opportunities, and information for all Virginians.	<ul style="list-style-type: none">• State funding invested in flood resilience [~\$520M FY23-25 - VOR Resilience in the Commonwealth of VA]• Usage of DCR flood resilience data resources [TBD – Monthly & Yearly DCR resource use]• Incorporation of flood resilience best practices and relevant data into applicable governing and guidance documents [TBD - # of governing and guidance documents]• Number of local, regional, and Tribal governments receiving Community Flood Preparedness Fund (CFPF) grants and loans (91 local and regional governments through Round 5)	

VFPMP Goal C – Capture Additional Benefits through Flood Resilience

Objectives	Indicators	<i>[Data Source], (Reference Data)</i>
<ul style="list-style-type: none">• Improve health and quality of life through flood resilience.• Boost the economy through flood resilience.• Enhance the natural environment through flood resilience.	<ul style="list-style-type: none">• Number of state funding programs considering [see co-benefit below] when prioritizing flood resilience projects and initiatives<ul style="list-style-type: none">• Positive human health and quality of life co-benefits<ul style="list-style-type: none">• Ex: Number of people directly and/or indirectly benefitting from an action• Positive economic co-benefits<ul style="list-style-type: none">• Ex: CFPF requires a benefit-cost analysis to be submitted for projects costing over \$2 million.• Nature-based and hybrid solutions<ul style="list-style-type: none">• Ex: CFPF includes scoring criteria for tracking to what degree nature based or hybrid solutions are incorporated into projects.	

Member Updates

Public Comment

Contact and Additional Information



Flood Committee FOIA Officer – Breanne Lindsey:
flood.resilience@dcr.virginia.gov

Flood Committee Website:
<https://www.dcr.virginia.gov/dam-safety-and-floodplains/flood-resilience-advisory-committee>

