

2023 Calvert County Hazard Mitigation Plan – Project Opportunities

Organization	Community Rank	Project Name	Mitigation Measures		Hazard Mitigated	Total Cost (\$)	Schedule	Funding Source	Local Champion
			Description of Problem to be Solved	Project Description					
Calvert County CR	2.5	Food Distribution	Response to a mass emergency and declared disaster to store and distribute food and resources.	Mutual assistance agreement for disaster response. Plans exist with End Hunger in Calvert County is a partner/food distributor of the Maryland Food Bank food, and can secure food for distribution to county residents. Distributing food to food-insecure households during times of food shortages and insecurity (disaster response). The county will provide volunteers to assist in the distribution of food and resources. End Hunger will coordinate food donations, transportation, and salvage/sorting of donated “food and grocery” items. End Hunger will record the number of pounds of food distributed and the number of households served by zip-code.	All Natural Hazards	Subject to available mutual aid funds	2023 - 2028	N/A	Calvert County CR
Calvert County CR	3.1	Local Abatement – Opioid Response	Developing key metrics related to substance abuse treatment and prevention. The key metrics will be developed by the State Interagency Opioid Coordination Plan and the county will tie in initiatives based on that plan.	Create a project summary of key issues, problems, trends, or opportunities that will be addressed.	Opioid Epidemic	Estimated cost based on available opioid restitution funds	2023 - 2028	Opioid Restitution Funding	Calvert County CR

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Calvert County Planning and Zoning	N/A	Code Evaluation	Calvert County’s Zoning and Ordinance incorporates building codes and ordinances that mitigate the risk of hazards.	The Calvert County Zoning Ordinance is undergoing review. Part of the review includes reducing risk exposure and mitigating damages.	All Natural Hazards	N/A	2023 - 2028	N/A	Calvert County Planning and Zoning
Calvert County Planning and Zoning	N/A	Flood Risk Reduction Education	Land parcels within the 100 yr floodplain face risks of safety and property.	Properties within the 100 yr floodplain will be contacted by the county to learn about flood-risk reduction strategies.	All Flood Hazards	N/A	2023 - 2028	N/A	Calvert County Planning and Zoning
Calvert County Planning and Zoning	N/A	Flood Risk Reduction Education	Properties identified as “repetitive loss” face increased risk to safety and property.	Properties identified as “repetitive loss” will be contacted by the county to learn about flood-risk reduction strategies.	All Flood Hazards	N/A	2023 - 2028	N/A	Calvert County Planning and Zoning

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Calvert County Planning and Zoning	N/A	Water Quality Monitoring	<p>Calvert County is a coastal county that relies on the Patuxent River, Chesapeake Bay, and tributaries for swimming, fishing, and aquaculture. Calvert also has significant numbers of septic systems and agricultural property. Therefore, it is important to monitor both tidal and nontidal water quality to protect public health and economic resources. As we understand the health risks and pervasiveness of PFOA/PFAS chemicals, water monitoring will be important to protect public health.</p>	<p>Tidal monitoring occurs annually each summer and includes fecal coliform counts, the number of Vibrio infections, seafood consumption recommendations, and swimming safety monitoring. Nutrient, sediment, and clarity are monitored as they can indicate toxic algal blooms and destroy marine habitats and fisheries. Nontidal monitoring was done within Calvert’s nontidal creeks. It will resume in the summer of 2024 and will consist of quarterly sampling to determine impaired waters, what’s causing the impairments (septic, fertilizers, unstable banks) and identify areas needing restoration efforts. We are working to identify hotspots of PFOA/PFAS chemicals as well as PBE hotspots.</p>	Environmental Hazards	<p>Tidal for 5 years: \$175,000.00 Nontidal for 5 years: \$275,000.00</p>	2023 - 2028	<p>Tidal is all non-federal Nontidal is seeking a \$75,000.00 USFW grant</p>	Calvert County Planning and Zoning

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Calvert County Division of Emergency Management	N/A	Cliffs Assessment	Re-evaluation of erosion of cliffs along eastern shores of the county.	Engineering assessment to follow-up 2010 assessment of cliffs to re-evaluate erosion rates and Puritan Tiger Beetle presence. Identify properties at highest risk for acquisition. Outreach with property-owners to discuss mitigation opportunities.	Cliff Erosion Invasive Species	\$150,000.00	2023 - 2028	BRIC and county funds	Calvert County Division of Emergency Management
Calvert County Division of Emergency Management	N/A	Cliff House Ordinance	Due diligence for the future sales of cliff houses.	Implementing county ordinance to require reporting of cliff hazard for properties identified as at-risk due to cliff erosion.	Cliff Erosion	Staff Time	2023 - 2028	County funds	Calvert County Division of Emergency Management
Calvert County Division of Emergency Management	N/A	RL/SRL Acquisitions	Mitigation of RL/SRL NFIP properties.	Acquisition and demolition of high-risk flood properties both in and out of SFHA (due to riverine and stormwater flooding).	All Flood Hazards	Unknown	2023 - 2028	FMA and county funds	Calvert County Division of Emergency Management
Calvert County Division of Emergency Management	N/A	Stormwater Mitigation	Addressing undersized stormwater infrastructure in high-priority locations for mitigation.	Work with DPW to assess stormwater infrastructure; identify high-priority locations and infrastructure in need of upgrading/improvement, Work collaboratively to develop applications for HMA funding.	Flash Flooding	TBD	2023- 2028	BRIC/FMA and county funds	Calvert County Division of Emergency Management

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Calvert County Division of Transportation	2.5	Transportation	Response to Transportation Incidences.	Under 49 CFR Part 673, a transit agency is required to maintain documents that describe its Safety Plan, including those related to implementation and results from processes and activities. Also, a transit operator may have existing documentation that describes processes, procedures, and other information required in Part 673. Calvert County Public Transportation developed a Safety Management Plan in November 2022 and has been approved by the Federal Transit Administration as well as the Calvert County Board of County Commissioners.	Transportation Accidents	N/A	2023 - 2028	N/A	Calvert County Division of Transportation