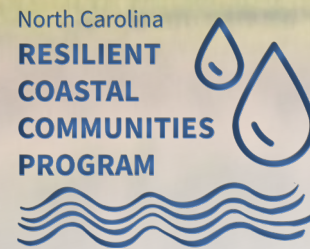


North Carolina Resilient Coastal Communities Program

Phases 1-4 Applicant Webinar
March 21, 2025

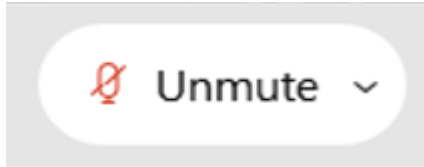
Mackenzie Todd, *Coastal Resiliency Coordinator*
Kasen Wally, *Coastal Resiliency Specialist*



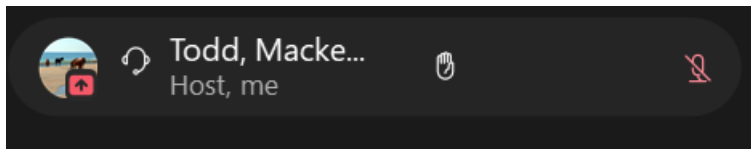
Getting Started



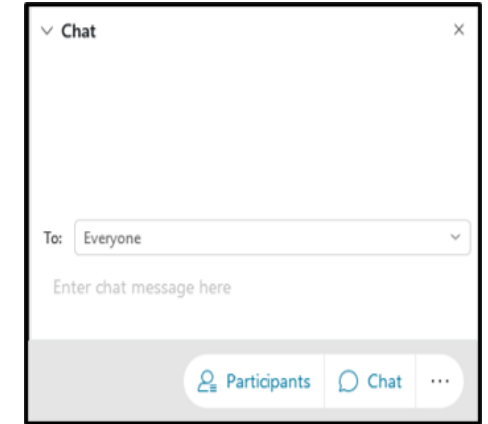
- 1 You will be muted upon entry.



- 2 Use the speaker, microphone, and camera settings under the communicate menu to make sure you have selected the correct speaker for audio. You may also adjust the audio volume from this screen.



- 3 Please stay muted during the presentation and submit your questions via the chat feature.



- 4 **This presentation will be recorded.**



Agenda



1) RCCP overview and recap

2) Phases 1 & 2 and CAMA Land Use Plans

- Application eligibility and selection criteria
- Application guidance and deliverables

3) Phases 3 & 4

- Application eligibility and selection criteria
- Application guidance and deliverables

4) Questions

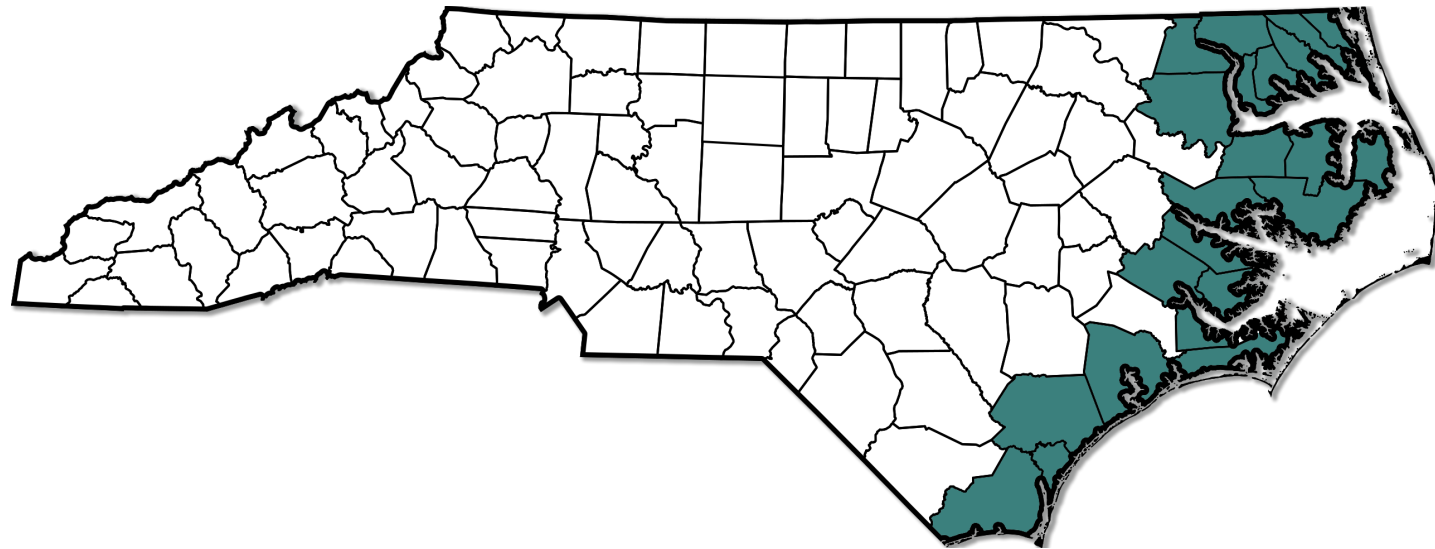


RCCP Background



- The foundation of the RCCP program was laid in (2016) through the RENA pilot program
- Executive Order 80 (2018) created the NC Climate Risk & Resilience Plan, which eventually led to the RCCP
- Regional Resilience Workshops and Summit (2019)
- Resilient Coastal Communities Program (2020)

RCCP Program Area





Program Objectives

Address

- Address barriers to coastal resilience at the local level

Assist

- Assist communities with risk & vulnerability assessments

Help

- Help communities develop a portfolio of well-planned and prioritized projects

Advance

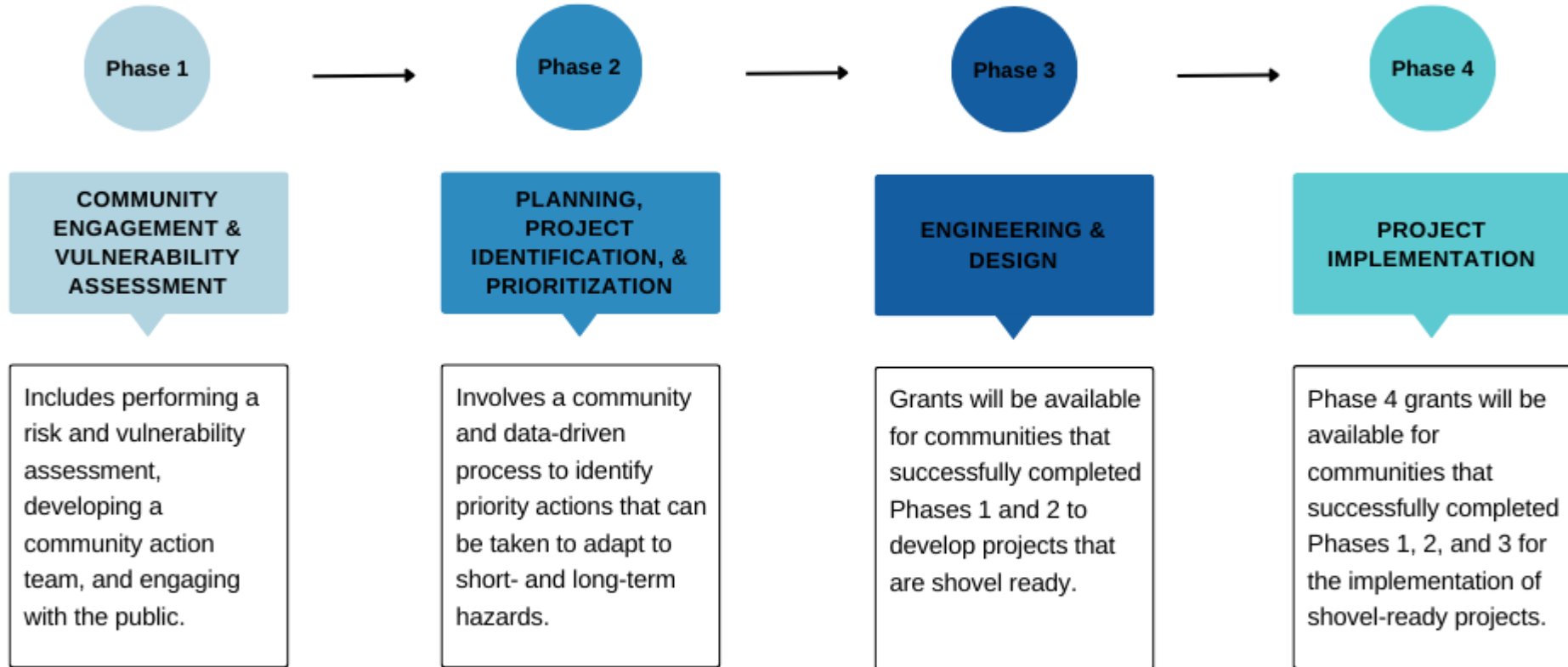
- Advance priority projects to “shovel-ready” status

Link

- Link communities to funding streams for project implementation



Program Phases



RCCP Funding



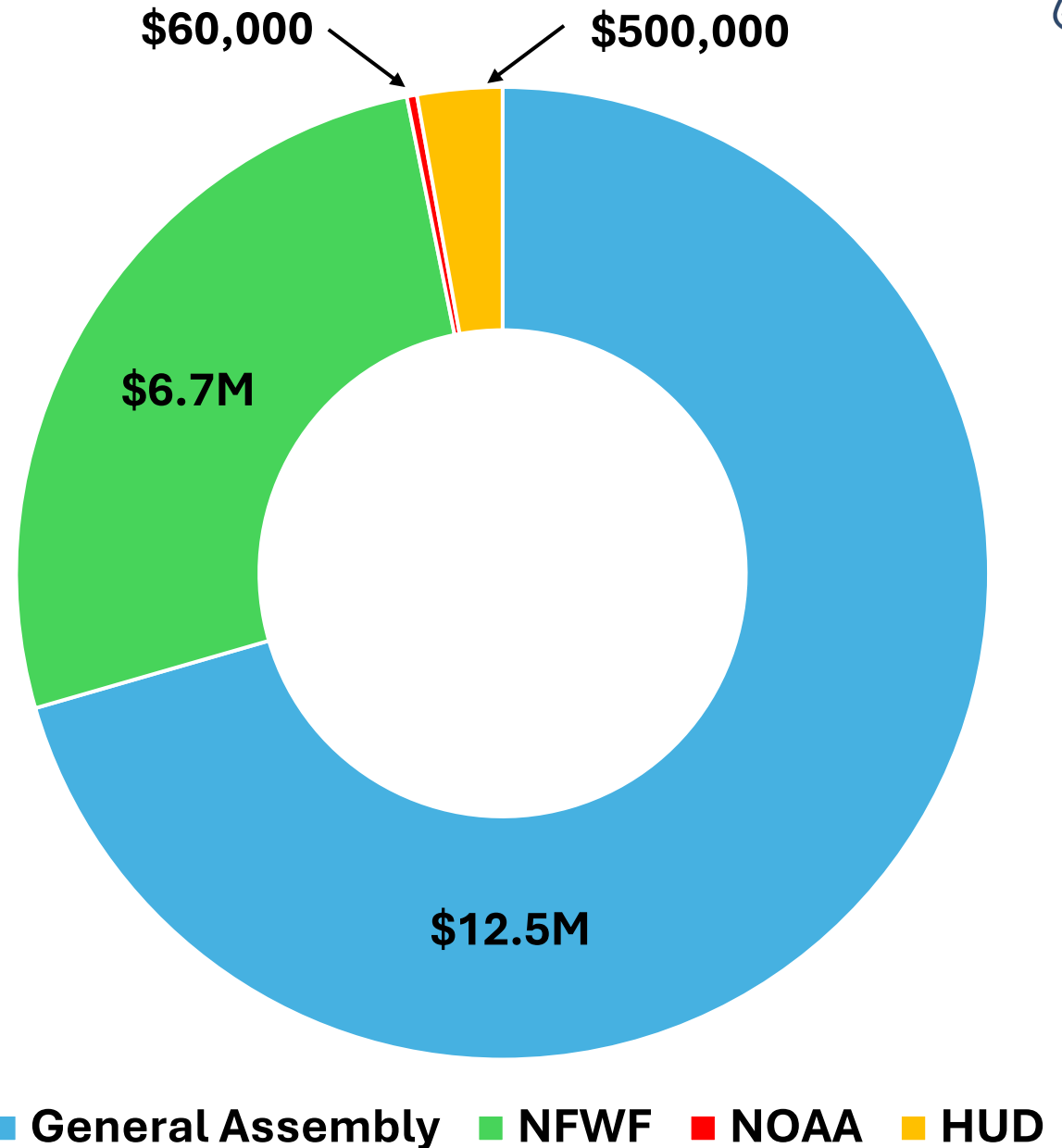
National Fish and Wildlife Foundation

\$2,000,000

- Funding for a third round of Phases 1 & 2
- Funding to incorporate CAMA Land-Use Plan Updates

Governor's Budget

- \$2M for RCCP
- 1 FTE



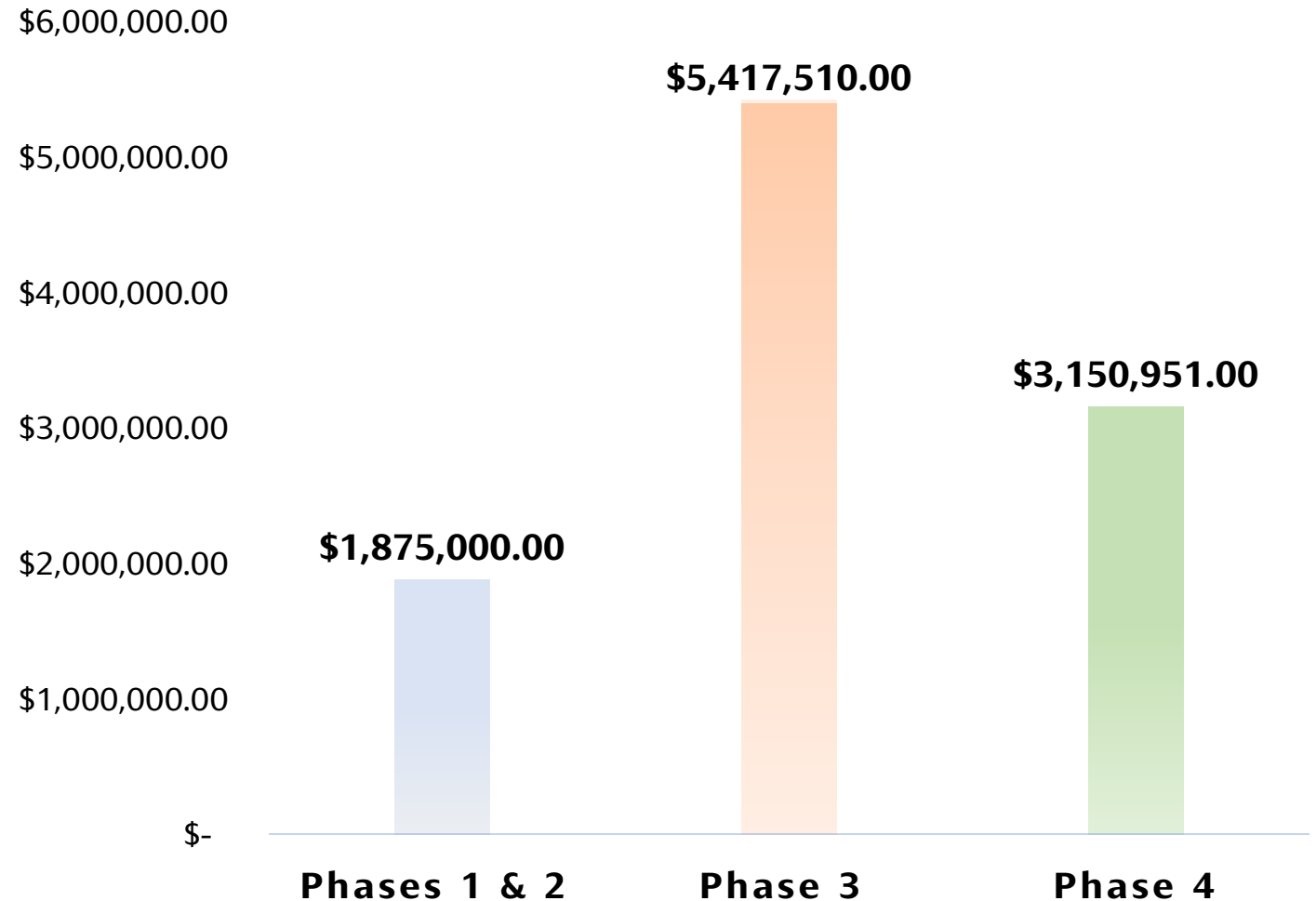


Program Accomplishments

\$1.87M awarded to conduct vulnerability assessments and identify projects in **41 communities (Phases 1 & 2)**.

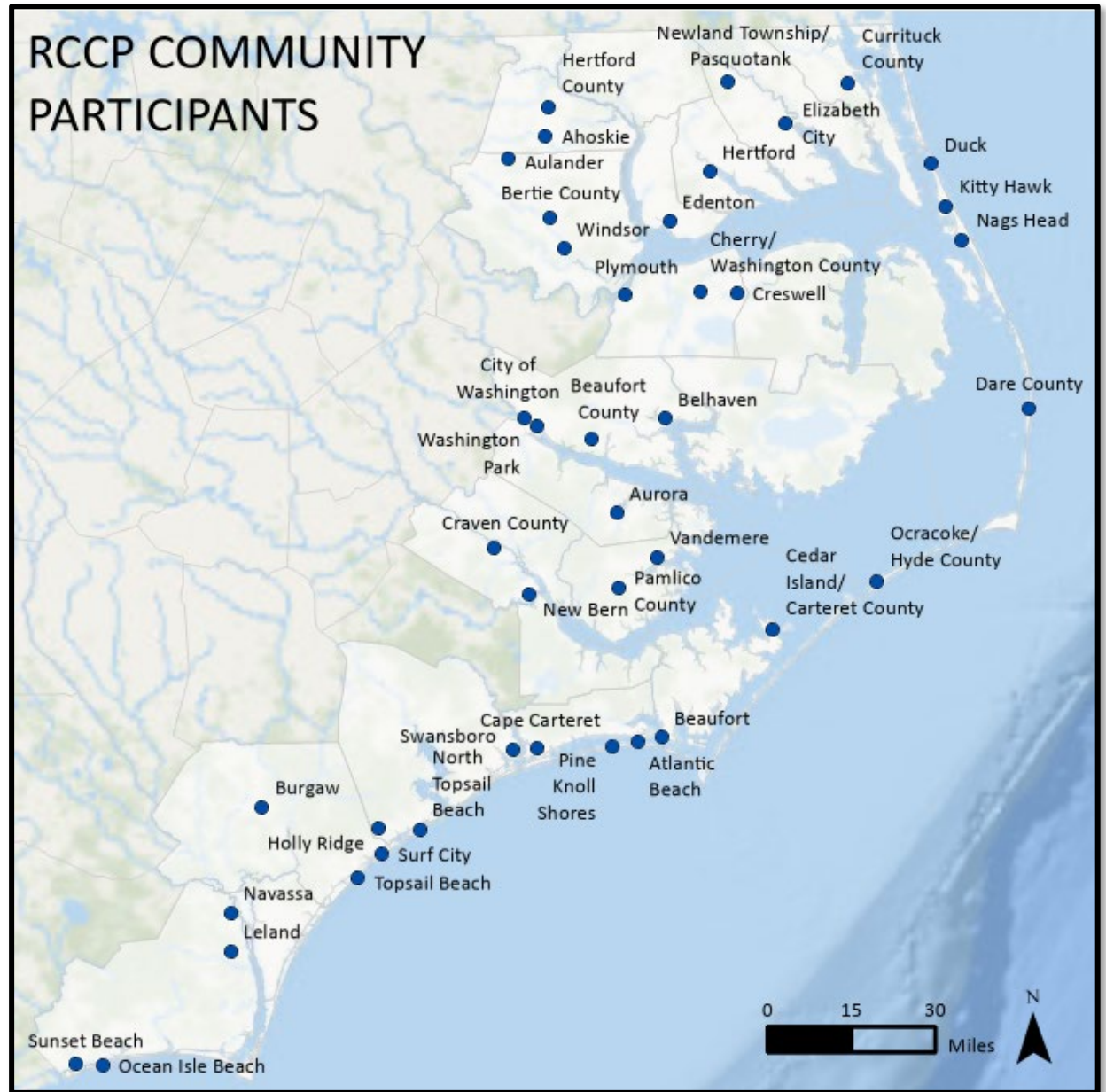
\$5.4M awarded to design and engineer **35 top-priority resilience projects (Phase 3)**.

\$3.15M awarded to implement **10 shovel-ready projects** with nature-based components (**Phase 4**).



Program Status

- 41 communities participated in Phases 1 & 2
- 205 resilience projects prioritized
- Over 300 people engaged in coastal resilience
- 20 completed engineering and design projects
- 3 completed construction projects





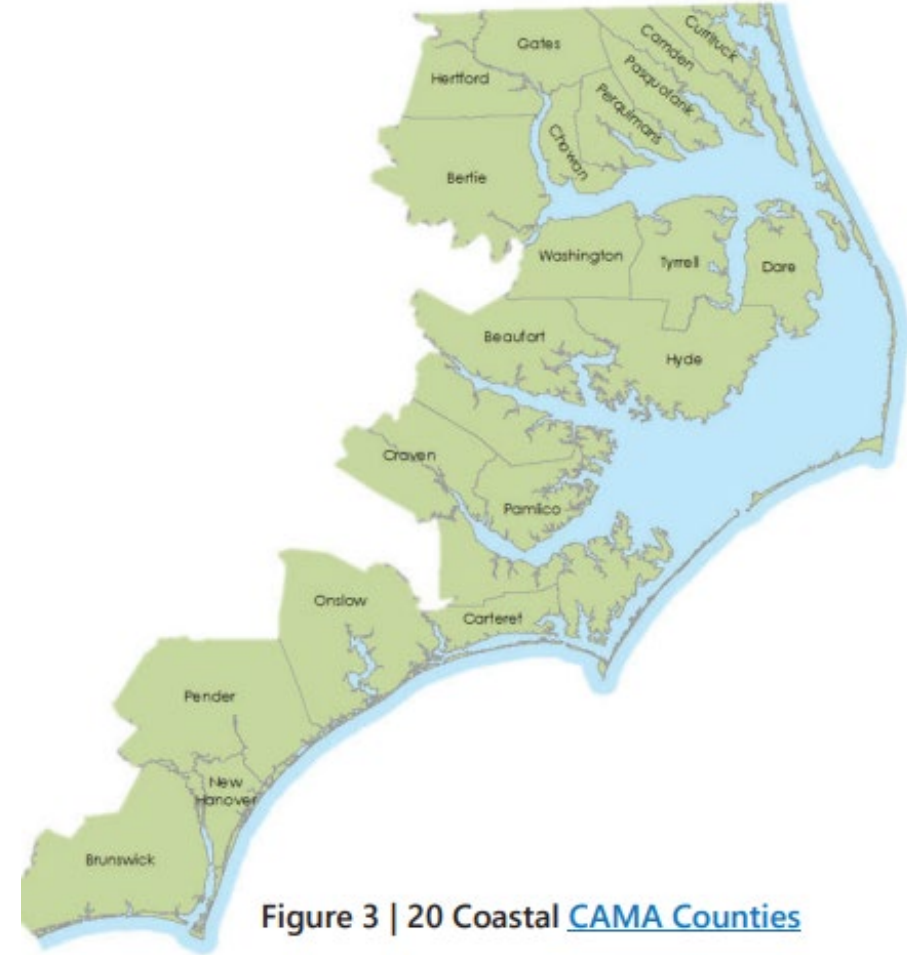
Phases 1 & 2 and CAMA Land Use Planning Application Submission

Submission: Email application and cover sheet to RCCP@deq.nc.gov by 5:00 PM,
Friday, April 25, 2025



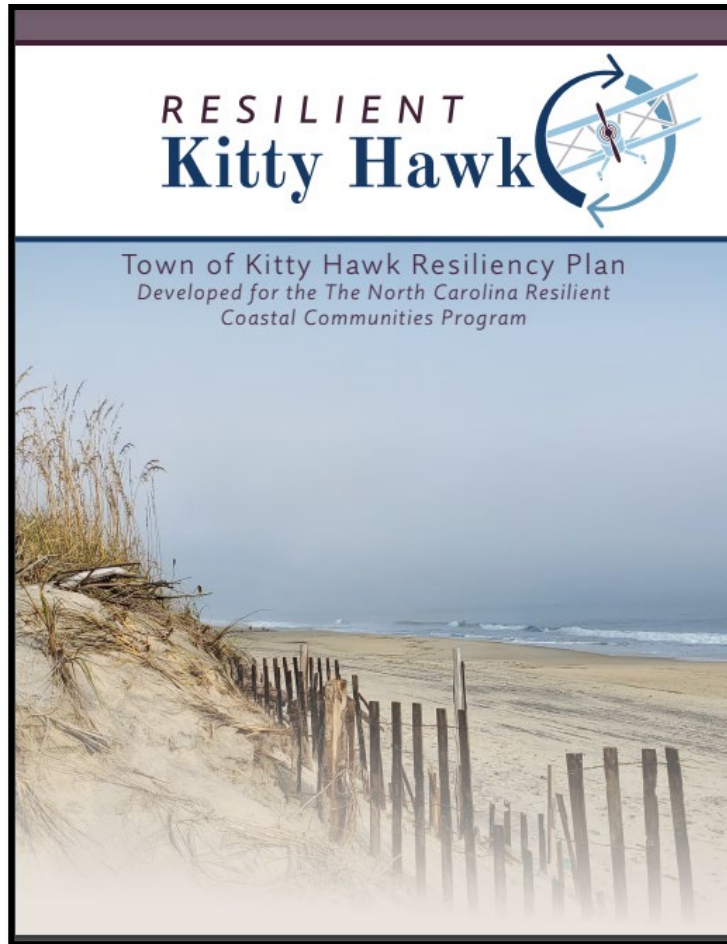
Eligible Communities

- County and Municipal governments within the 20 CAMA Counties (Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hertford, Hyde, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Tyrrell, and Washington)
- Federal and State-Recognized Tribes





Phase 1: Community Engagement & Risk Assessment



Step 1: Develop a Community Action Team



Step 2: Set Vision and Goals



Step 3: Review Existing Local Plans & Efforts



Step 4: Develop a Community Engagement Strategy



Step 5: Map Critical Assets and Natural Infrastructure

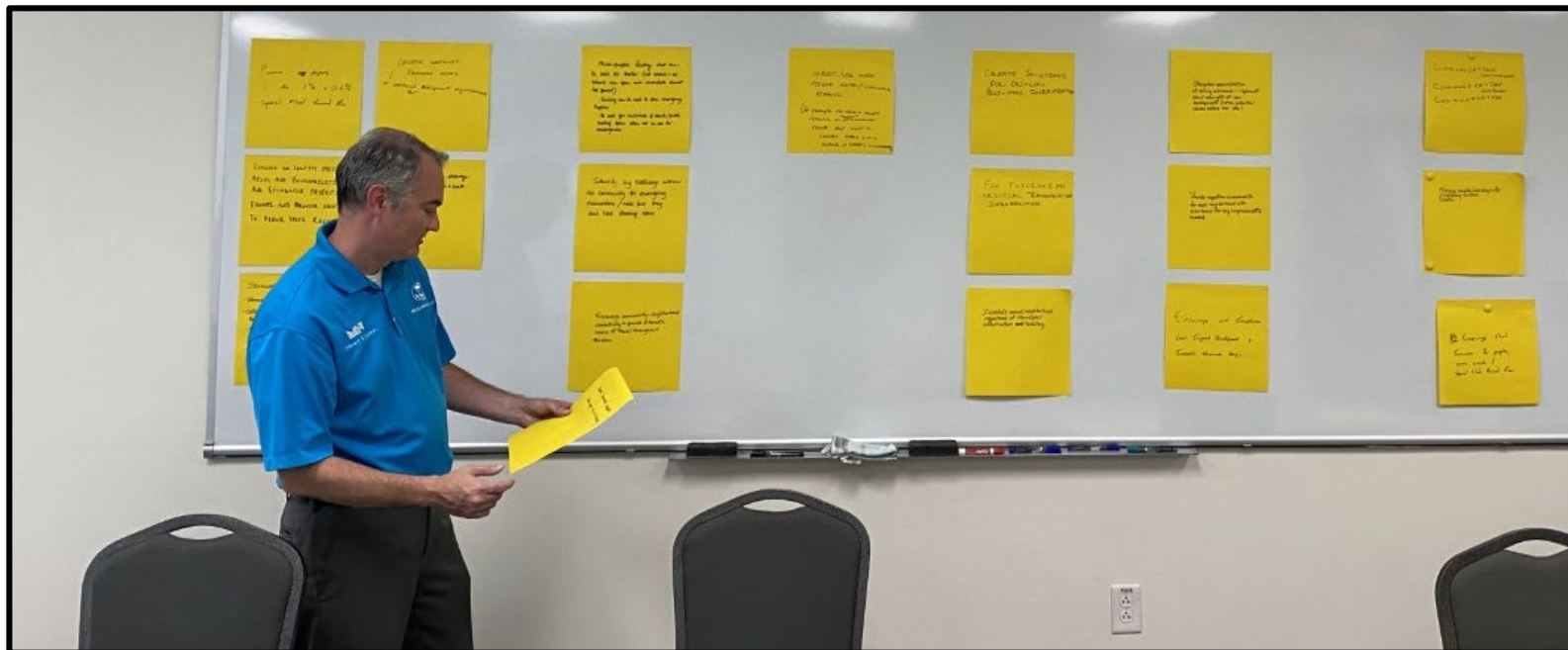


Step 6: Conduct a Risk and Vulnerability Assessment



Phase 2: Project Identification & Prioritization

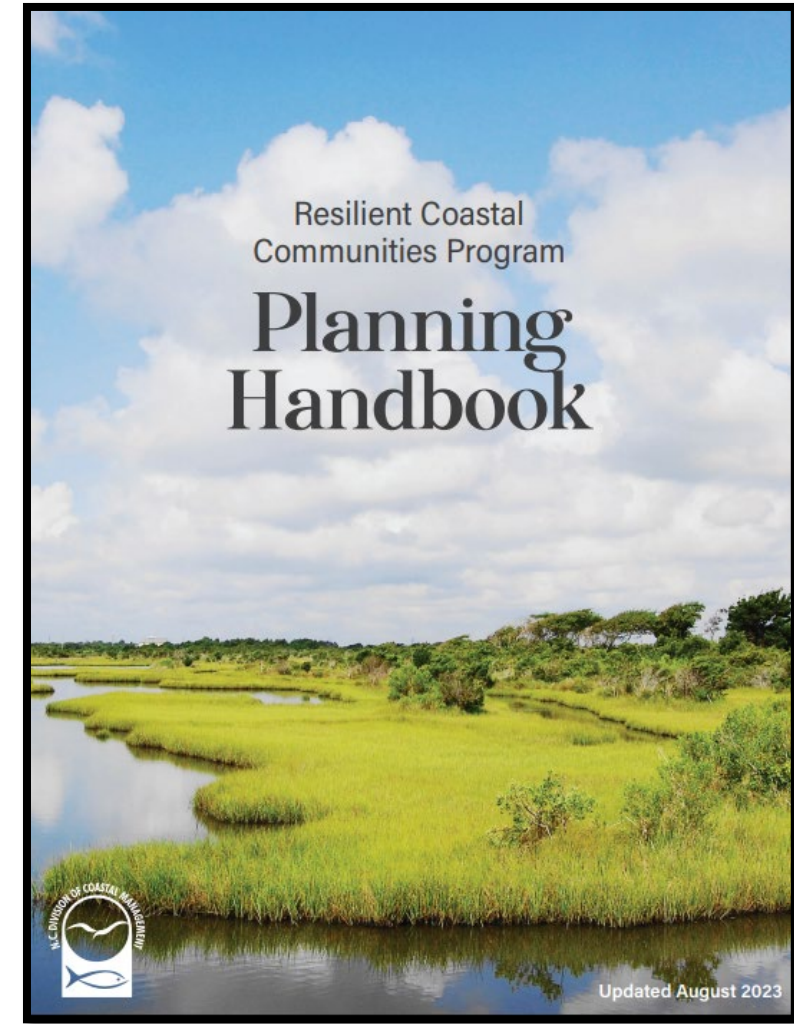
- **Develop a Project Portfolio**
- **Steps:**
 1. Identify a suite of Potential Solutions
 2. Consolidate and Prioritize Projects



RCCP Planning Handbook



- Guides communities and contractors through the steps of Phases 1 and 2
- Updated Technical Appendix that includes a collection of examples and resilience resources





Community Selection Criteria & Prioritization

DCM will review applications and select applicants based on available funding and alignment with program goals and objectives. Funding will be prioritized for communities that have not previously participated in Phases 1 and 2.

Criteria includes:

- Level of risk exposure to critical assets (hospitals, schools, roads), natural infrastructure (rivers, wetlands, etc.), and socially vulnerable populations
- Impact of coastal hazards
- Internal capacity
- Level of current momentum in resilience planning (i.e., previous work completed)





Contracting

- DCM will be contracting directly with 3rd party contractors to assist communities in completing Phases 1 and 2.
- DCM will match successful applicants with competitively-selected contractors. Community applicants may indicate a preference to work with a specific contractor and should consider providing letters of support to their preferred provider.
- Project period: June 2025-June 2026





Available Funding, Match Requirement & Contract Period

- DCM has approximately \$2 million available for this round of Phases 1 and 2. DCM anticipates supporting up to 20 communities, and will allocate funding according to demand, need, and geographic scope. The anticipated range for grant awards is \$50,000 - \$70,000 per community.
- There is no cash or in-kind match requirement from community applicants or contractors
- June 2025- June 2026 (12-months)





Eligible Contractors

- Private planning and engineering firms
- Councils of Government (COGs)
- Non-Governmental Organizations (NGOs)
- Academic Institutions (Public and Private)

Multiple organizations may partner on one application.

Applicants may indicate a preference to work with specific communities and should submit letters of support from those communities as applicable.

Applicants must indicate the maximum number of communities that they will consider working with concurrently.





Contractor Selection Criteria

Experience with the following:

- Resilience planning and working group facilitation at the local government level
- Project identification, alternatives analysis, and prioritization
- Conducting formal risk and vulnerability assessments
- Outreach and community engagement, especially with socially vulnerable and underrepresented populations
- Identifying and mapping critical assets using ArcGIS, including natural infrastructure and socially vulnerable populations
- Experience with nature-based solutions to address coastal challenges
- Analyzing coastal hazards and future conditions, such as sea-level rise
- Internal capacity, specifically level of staffing available to participate and organization's ability to assist multiple communities, if requested
- Ability to ensure cost-effectiveness





Final Deliverables

The main deliverable will include a Resilience Strategy based on guidance provided in the [RCCP Handbook](#).

The two components of a Resilience Strategy include:

- 1. Risk and Vulnerability Assessment Report-** A key outcome of this process is a quantitative risk and vulnerability assessment, which will evaluate the vulnerability of the community's population and critical community assets to several coastal and climate risks, including tidal flooding, sea level rise, storm surge, and high-intensity rain events. Special attention will be given to socially vulnerable and underrepresented segments of the population, and natural infrastructure that provides both environmental and community resilience benefits.
- 2. Project Portfolio-** Participants will develop a project portfolio of options aimed at reducing exposure and sensitivity or increasing adaptive capacity to flooding and other hazards. A combination of policy, nonstructural, hybrid, nature-based, and structural approaches should be considered.

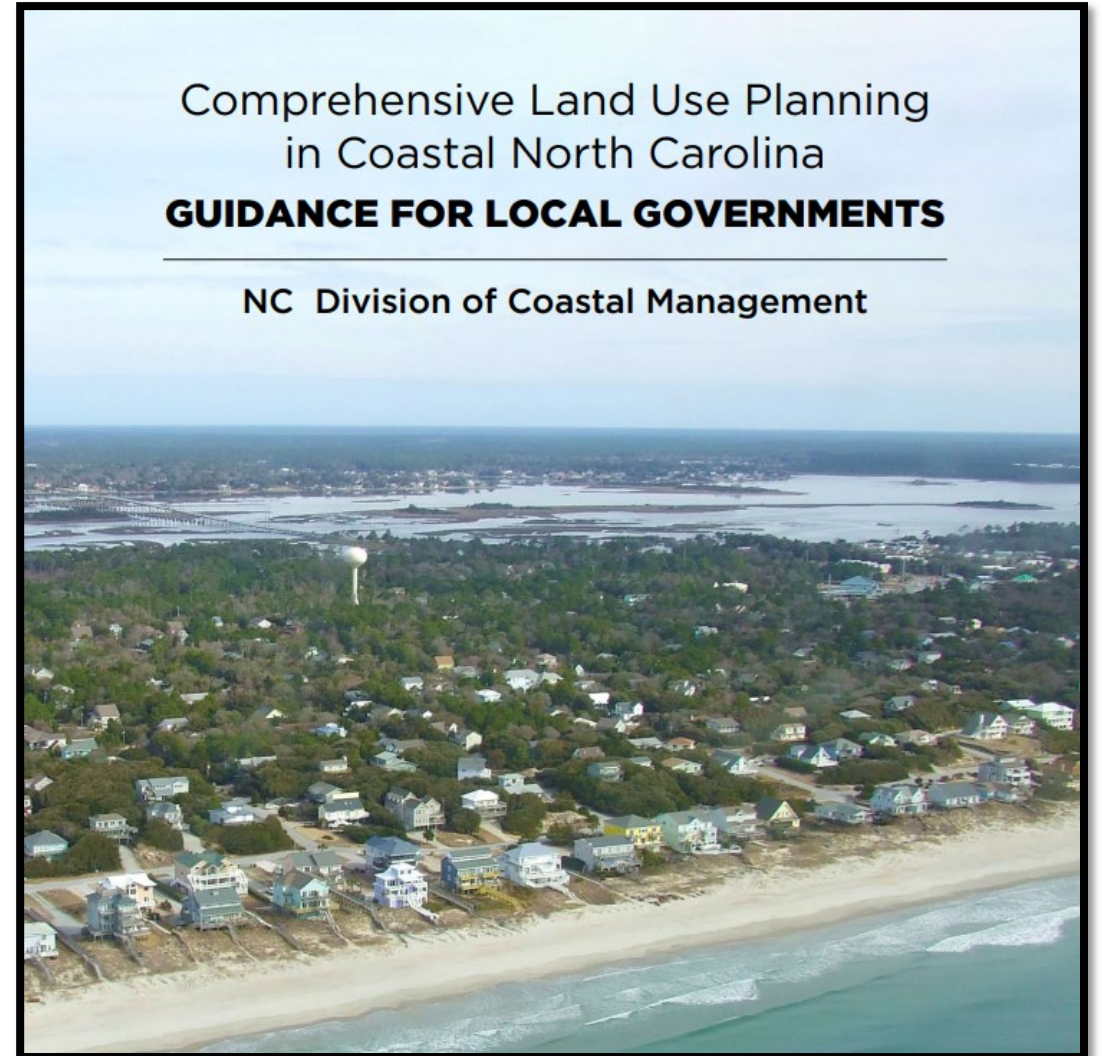


CAMA Land Use Plans

Selected communities will work to ensure resilience is meaningfully incorporated into land use planning efforts, supporting proactive decision-making that reduces risk.

This work may be conducted alongside Phases 1 and 2 for new communities accepted into the program or be completed independently in communities that have already completed Phases 1 and 2.

To advance long-term resiliency and align existing planning efforts, DCM is making \$540,000 available to fund updates to CAMA Land Use Plans in approximately three communities, with allocations based on demand, need, and geographic scope.





Process Requirements

To incorporate resiliency into land-use plans, applicants must use the [Plan Integration for Resilience Scorecard](#), a tool that spatially evaluates land-use policies and addresses existing vulnerabilities.

The intended outcomes include:

- A deeper understanding of the benefits of land-use planning among community members, staff, and decision-makers.
- Increased awareness of how land-use plans influence vulnerability to natural hazards.
- Adjustments to plans and policies that improve integration and enhance community resilience.

The Plan Integration for Resilience Scorecard follows a three-phase process, incorporating physical and social vulnerabilities identified in Phase 1 of the RCCP. The results, along with the community's Resilience Strategy, will be integrated into the land use plan to develop resilience focused policies





Process Requirements

The Land Use or Comprehensive Plan must:

- Comply with **G.S. 113A-110 of the Coastal Area Management Act (CAMA)** and the Coastal Resources Commission's (CRC) Planning Rules (15A NCAC 07B).
- Include at least two resilience policies per CAMA Management Topic:
 - Public Access, Land Use Compatibility, Infrastructure Carrying Capacity, Natural Hazard Areas, and Water Quality (15A NCAC 07B .0702(d)(2)).
 - For example, under Public Access, the plan must include at **least two resilience-related** policies. At a minimum, the plan should contain 10 policies that enhance resilience to coastal hazards.
- Outline action-oriented strategies for implementing resilience policies, such as the adoption and amendment of local ordinances, other plans, and special projects.
 - Specify years in which each action is anticipated to start and finish
 - Include Estimated Costs or Other Resources Needed and;
 - Assign specific aspects of implementation to specific departments and staff members.
- Include the Plan Integration for Resilience Scorecard and the relevant RCCP Resilience Strategy in the Appendix.





Final Deliverables

A draft land use or comprehensive plan that meets the outlined plan criteria and is ready for submission to DCM for review as part of the CRC's Land Use Plan Certification Process.

DCM will review submitted plans for consistency with the criteria outlined above and compliance with the CRC's Planning Rules (15A NCAC 07B).

Local governments are responsible for incorporating revisions in response to DCM's review, adopting the plan locally, and submitting it for state certification.

The submission of incomplete plans will result in a reduced grant award. Additionally, failure to adopt the plan locally and obtain state certification may impact a local government's ability to receive future funding from DCM.





Contracting

- DCM will be contracting directly with 3rd party contractors to assist communities in completing this work.
- DCM will match successful applicants with competitively-selected contractors. Community applicants may indicate a preference to work with a specific contractor and should consider providing letters of support to their preferred provider.
- Project period: June 2025-June 2026





Summary

- Community Applications AND Contractor Applications are due by **5:00 PM April 25, 2025**.
- Email the Application AND Cover Sheet to RCCP@deq.nc.gov
- DCM will review applications based on criteria listed in the RFAs
- Anticipated Contract Period: **June 2025-June 2026 (12-months)**
- DCM will hold an in-depth Orientation for all selected communities and contractors before work begins
- DCM is available to assist communities in preparing their applications





Phase 3 Application Submission

Submission: Email application and cover sheet to RCCP@deq.nc.gov by 5:00 PM, **Friday, April 25, 2025**





Eligibility

- All county and municipal governments within the [20 coastal counties](#) (i.e., counties that fall under the Coastal Area Management Act (CAMA)) and any federal and state-recognized tribes may apply.
- All eligible applicants must have completed Phases 1 and 2 of the RCCP (or an equivalent scope of work) to apply for Phase 3.
- Adjacent communities may submit a joint application for a regional grant.
- Applicants may also submit applications for more than one project but must indicate their funding priority and complete and submit a separate application for each project.
- Projects include requests for the engineering and design of a priority resilience project identified by the applicant. Proposals for the development of ordinances or policies to further resiliency in the community may also be submitted for consideration.





Anticipated Project Period, Awards & Match Requirement

- June 2025 – June 2026 (12-months)
- No cash match or in-kind match requirement
- Awards are anticipated to range from \$25,000 to \$750,000 (\$6M in available funding).





Selection Criteria & Prioritization

DCM will review applications and select projects based on available funding and alignment with program goals and objectives.

- The completion of Phases 1 and 2 of the RCCP or an equivalent scope of work.
- The project's contribution towards the objectives of the RCCP.
- The project's alignment with the community's Resilience Strategy
- The project produces engineering and design plans for a shovel-ready project or a final draft of the developed ordinance or policy.
- The project incorporates nature-based components.
- The project ensures equitable consideration of socially vulnerable, historically disadvantaged, and underserved populations (e.g., low-income and minority)
- The potential transferability of the project to other coastal area municipalities and counties.
- The availability of additional funds required to complete the project, if necessary.
- Size and scope of expected benefits.
- The project's cost-effectiveness.
- The project's permissibility under the Coastal Area Management Act and any related regulatory requirements, including CAMA minor, general, and major permits, and/or variances via the Coastal Resources Commission.



Examples of Potential Projects

- Living Shorelines
- Coastal Habitat Restoration (e.g., salt marshes, mangroves)
- Greenways
- Wetland Restoration
- Stormwater Parks
- Rain Gardens & Bioswales
- Stormwater Management Plans
- Floodplain Management Ordinances



Project Deliverables

- For Phase 3 engineering and design projects, the deliverables must include engineered site plans that achieve a 90-100% design completion, making them ready for submission to relevant permitting agencies (e.g., DEQ-Stormwater, CAMA).
- For ordinance or policy projects, a final draft document must be submitted. All projects must be completed in accordance with the deliverables outlined in the application. A .pdf document summarizing the work must be provided at the end of the contract period for review.
- GIS Data Requirements: GIS data must be submitted as a **Map Package (.mpk)**, which includes a map document (.mxd) and its referenced data packaged into a single portable file. For guidance on creating and sharing a Map Package, refer to Esri's documentation on "Creating a map package."



Contracting



- DCM will be contracting directly with selected applicants.
- Selected applicants will be responsible for conducting their own procurement process.



Substituting an Equivalent Scope of Work

Please insert the document name, relevant page numbers, and a link (if available) to the documents that meet the resilience strategy requirements listed on the left-hand side of the matrix.



Resilience Strategy Matrix

If you did not participate in Phases 1 and 2 of the RCCP, please provide documentation showing how you meet the requirements by linking where these strategies are met in your specific documents. If you participated in Phases 1 and 2 of the RCCP this matrix is not required.

Resilience Strategy Requirements	Documentation showing you meet the Resilience Strategy requirement
Community Resilience Vision & Goals Any community goals/vision that have a focus on building resilience. These may be found in existing plans or ordinances.	<i>Insert document(s) name and page #'s and link if available</i>
Community Action Team Planning Board, Floodplain Management Committee Members, or any community group that has met on multiple occasions to discuss the community's vision/goals towards resilience.	
Stakeholder Engagement Strategy A document that details how you communicate with your community, especially any vulnerable populations (via Town Meetings, email distribution lists, informational brochures, and webpages, etc.)	
Review of Existing Plans and Efforts You have reviewed existing planning documents (Land Use Plan, Hazard Mitigation Plan, Capital Improvement Plans etc.) and are familiar with your existing plans and ongoing efforts.	
Risk & Vulnerability Assessment Report You have access to data from your Regional Hazard Mitigation Plan or have had recent assessments conducted.	n/a <input type="text"/>
Project Portfolio A list of potential projects that have been identified by staff and/or the community. These might be found within a Floodplain Management Plan, or Council minutes.	
Additional files These can include maps or any other pertinent documents.	





2022 Phase 3 Project Timeline

The purpose of the timeline is to establish benchmarks during the project period to ensure timely completion. Progress monitoring will occur at 2-month intervals for the duration of the 6 month contract. The schedule is meant to be an aid for measuring the progress of the project and a guide to making adequate contract adjustments when necessary.

Tasks	Period 1		Period 2		Period 3	
	1	2	3	4	5	6



2022 Phase 3 Project Budget

Lead Applicant Project Name

This form below must be completed and included with your application. Round project costs to the dollar.
Local cash match contributions are not required and should only be included in the chart below if they are necessary to complete the project.

Project Elements	Requested Amount	Local Match	Total Cost
Item			
Outside Consultants			
Project Administration			
Mapping/GIS Expenses			
Addnl. Expense			
Addnl. Expense			
Addnl. Expense			
TOTAL			

Use the form below to show the sources of your matching funds. Indicate if these funds are currently available or yet to be approved. If funds are yet to be approved, list the date for approval. If applicable, provide additional narrative related to the match.

Type of Matching Funds (Local/State/Federal)	Amount	Funding Source	Availability
n/a <input type="text"/>			
n/a <input type="text"/>			
TOTAL			

Application Checklist



- ✓ Application Cover Sheet
- ✓ Application question responses
- ✓ Supplemental documentation, if applicable, not to exceed 20 pages

All emailed to RCCP@deq.nc.gov by 5:00 PM on Friday, April 25, 2025





Phase 4 Application Submission

Submission: Email application and cover sheet to RCCP@deq.nc.gov by 5:00 PM, **Friday, April 25, 2025**





Eligibility

- All county and municipal governments within the [20 coastal counties](#) (i.e., counties that fall under the Coastal Area Management Act (CAMA)) and any federal and state-recognized tribes may apply.
- Adjacent communities may submit a joint application for a regional grant.
- All eligible applicants must have completed Phases 1, 2, and 3 of the RCCP (or an equivalent scope of work) to apply for Phase 4.
- Applicants may also submit applications for more than one project but must indicate their funding priority and complete and submit a separate application for each project.
- Eligible projects will have been identified and prioritized through the RCCP or a comparable process. To qualify, projects must be fully designed, engineered, and permitted (or ready for permitting)—i.e., “shovel-ready”—and prepared for construction to begin.



Anticipated Project Period, Awards & Match Requirement



- June 2025 – October 2026 (16-months)
- No cash match or in-kind match requirement
- Awards are anticipated to range from \$25,000 to \$1M (\$6M in available funding).





Selection Criteria & Prioritization

DCM will review applications and select projects based on available funding and alignment with program goals and objectives.

- The applicant has previously participated in and completed Phases 1, 2, and 3 of the RCCP or completed an equivalent scope of work.
- Project readiness (e.g., design and engineering complete; permitting status, etc.).
- The project's contributions to the objectives of the RCCP.
- Prioritization of the project within the applicant's Project Portfolio or similar planning documents.
- The extent to which the project incorporates nature-based components.
- The extent to which the project ensures equitable consideration of socially vulnerable, historically disadvantaged, and underserved populations (e.g., low-income and minority populations).
- The potential transferability of the project to other coastal area municipalities and counties.
- The project's cost-effectiveness.
- The project's permissibility under the Coastal Area Management Act and any related regulatory requirements, including CAMA minor, general, and major permits, and/or variances via the Coastal Resources Commission.



Project Deliverables

If applicable, deliverables should include, but are not limited to:

- A final project report summarizing objectives, implementation activities, and outcomes.
- Before-and-after documentation, such as photos, GIS data, or monitoring reports demonstrating project completion.
- Copies of permits, contracts, and other regulatory approvals, if applicable.
- Documentation of public engagement efforts, including meeting summaries, outreach materials, and stakeholder feedback.
- Public outreach and/or educational materials, such as fact sheets, presentations, or workshop documentation, if included as part of the project.
- A maintenance and/or monitoring plan, if applicable, to ensure long-term project effectiveness



Contracting



- DCM will be contracting directly with selected applicants.
- Selected applicants will be responsible for conducting their own procurement process.





Project Budget

- Each application **must** include a completed budget estimate.
- In addition, please provide a copy of a bid or project price estimation from a contracting firm that outlines the cost of the project.

RCCP PHASE 4 LINE-ITEM BUDGET					Instructions: Fill out this budget to the best of your ability and provide a brief justification for each item. Submit this budget alongside your RCCP Phase 4 application.
[Organization/Community Name]					
[Project Title]					
[FY[xx] & Project Duration]					
	Estimated Unit Cost *			Requested RCCP Funds	Justification
	Unit	Number	Amount		
A. Contractual (consultant fees)	# people	# months *	(\$ salary *		
A.1 (description, eg. surveyor)				\$ -	
A.2 (description, eg. on-site coordinator)				\$ -	
A.3 (description)				\$ -	
A.4 (description)				\$ -	
A.5 (description)				\$ -	
Subtotal Contractual				\$ -	
B. Construction	# units *	unit cost *			
B.1 (description, eg. concrete)				\$ -	
B.2 (description)				\$ -	
B.3 (description)				\$ -	
B.4 (description)				\$ -	
B.5 (description)				\$ -	
Subtotal Construction				\$ -	
C. Equipment	# units *	unit cost *			
C.1 (description, eg. generators)				\$ -	
C.2 (description)				\$ -	
C.3 (description)				\$ -	
C.4 (description)				\$ -	
C.3 (description)				\$ -	
Subtotal Equipment				\$ -	
D. Supplies	# units *	unit cost *			
D.1 (description, eg. brochures)				\$ -	
D.2 (description)				\$ -	
D.3 (description)				\$ -	
D.4 (description)				\$ -	
D.5 (description)				\$ -	
Subtotal Supplies				\$ -	

> [Detailed RCCP Budget Template](#) +



Application Checklist



- ✓ Application Cover Sheet
- ✓ Application question responses
- ✓ Supplemental documentation, if applicable, not to exceed 20 pages
- ✓ Budget Sheet

All emailed to RCCP@deq.nc.gov by 5:00 PM on Friday, April 25, 2025





Summary

- Phase 3 & 4 Applications are due by **5:00 PM April 25, 2025.**
- Email the Application, Cover Sheet, and Budget Sheet (if applicable) to RCCP@deq.nc.gov
- DCM will review applications based on criteria listed in the RFAs
- Anticipated Contract Period: **June 2025- June 2026 (12-months)**
- DCM will hold an in-depth Orientation for all selected communities and contractors before work begins
- **DCM is available to assist communities in preparing their applications**

Thank you all for your participation in the RCCP!



Contact Information



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Kasen.wally@deq.nc.gov

(252) 515-5424

Questions?

