


State of Maine
Governor's Office of Policy Innovation and the Future
APPLICATION COVER PAGE
RFA# 202207107

Community Resilience Partnership Community Action Grant

Applicant's Organization Name:		Town of St. George	
Chief Executive - Name/Title:		Richard Bates, Select Board Chair	
Tel:	(207) 372-6904	E-mail:	r.bates@stgeorgemaine.org
Headquarters Street Address:		3 School Street, PO Box 131	
Headquarters City/State/Zip:		St. George, ME 04860	
<i>(Provide information requested below if different from above)</i>			
Lead Point of Contact for Application - Name/Title:		Meg Rasmussen, Community Sustainability Planner, Midcoast Council of Governments	
Tel:	207-443-5790 x 120	E-mail:	mrasmussen@midcoastcog.com
Headquarters Street Address:		165 Main Street	
Headquarters City/State/Zip:		Damariscotta, ME 04543	

- This Application and the pricing structure contained herein will remain firm for a period of one hundred eighty (180) days from the date and time of the bid opening.
- No personnel currently employed by the Department or any other State agency participated, either directly or indirectly, in any activities relating to the preparation of the Applicant's Application.
- No attempt has been made, or will be made, by the Applicant to induce any other person or firm to submit or not to submit an Application.
- The above-named organization is the legal entity entering into the resulting contract with the Department should they be awarded the contract.
- The undersigned is authorized to enter contractual obligations on behalf of the above-named organization.

To the best of my knowledge, all information provided in the enclosed application, both programmatic and financial, is complete and accurate at the time of submission.

Name (Print): Richard J.S. Bates	Title: Select Board Chair
Authorized Signature: 	Date: 9/19/2022

State of Maine
Department of Governor's Office of Policy Innovation and the Future
DEBARMENT, PERFORMANCE, and NON-COLLUSION
CERTIFICATION
RFA# 202207107

Community Resilience Partnership Community Action Grant

By signing this document, I certify to the best of my knowledge and belief that the aforementioned organization, its principals and any subcontractors named in this proposal:

- a. Are not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from bidding or working on contracts issued by any governmental agency.*
- b. Have not within three years of submitting the proposal for this contract been convicted of or had a civil judgment rendered against them for:

 - i. Fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or contract.*
 - ii. Violating Federal or State antitrust statutes or committing embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.**
- c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (b) of this certification.*
- d. Have not within a three (3) year period preceding this proposal had one or more federal, state, or local government transactions terminated for cause or default.*
- e. Have not entered into a prior understanding, agreement, or connection with any corporation, firm, or person submitting a response for the same materials, supplies, equipment, or services and this proposal is in all respects fair and without collusion or fraud. The above-mentioned entities understand and agree that collusive bidding is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards.*

Failure to provide this certification will result in the disqualification of the Applicant's Application.

Name (Print): Richard J.S. Bates	Title: Select Board Chair
Authorized Signature: 	Date: 9/19/2022

State of Maine
Governor's Office of Policy Innovation and the Future
APPLICATION FORM
RFA# 202207017
Community Resilience Partnership Community Action Grant

Criteria 1: Eligibility and Applicant Information

Applicant's Organization Name:	Town of
Applicant's Organization is a:	<input checked="" type="checkbox"/> Municipality <input type="checkbox"/> Tribal Government <input type="checkbox"/> Township, plantation, or unorganized territory <input type="checkbox"/> Service provider organization <input type="checkbox"/> This is a joint application for a Group of Communities (if applicable).
Applicant is enrolled in the Community Resilience Partnership	<input type="checkbox"/> yes or <input type="checkbox"/> no or <input checked="" type="checkbox"/> enrolling simultaneously
Has the applicant applied for a Community Action Grant in a previous round?	<input type="checkbox"/> yes or <input checked="" type="checkbox"/> no
In partnership with: <i>Letters of Support must be provided with Application.</i>	List Partners (if any)
	Colby College
	Marshall Point Lighthouse & Museum

Criteria 2: Community Characteristics

Complete the table describing the characteristics of the community. See the RFA document (Section H-2 of Activities and Requirements) for information and instructions for completing this table. If this is a multi-community application, use the additional rows for each of the communities in the Group.

Community Name	Community Type (Municipality, Tribal Government, Plantation, Township, or Unorganized territory)	Region (1, 2, 3, 4)	Population	Social Vulnerability (low, medium, high)
St. George	Municipality	1	2,623	Medium

Criteria 3: Maine Won't Wait Strategy and Action(s)

Project Title

Visualizing Solutions: Assessing Vulnerable Infrastructure & Sites, Exploring Options and Engaging the Community Through 3-D Imaging.

For no-match grants, which Maine Won't Wait strategy and action(s) does the project seek to implement?

For grants to support other community-defined climate priorities, applicants must describe the project and how it meets the goals of Maine Won't Wait and complete the cost-share table in the budget worksheet below.

Strategy G: Invest in climate-ready infrastructure.

Action G1: Conduct a vulnerability assessment for critical community infrastructure that includes: 1) the climate hazards to which infrastructure assets are exposed and how the intensity and likelihood will change over time; 2) the susceptibility to damage or failure, given location, design, age, condition, and state of repair; and 3) the consequences that impairment or failure of the infrastructure will have on the community.

Criteria 4: Scope of Work

Project Description

Describe the proposed project, including the tasks and deliverables, project timeline, roles and responsibilities, and expected outcomes.

Project Overview:

This project embraces vision: the vision to ensure that all Town roads, waterfront structures, and building and community assets critical to St. George's identity, history and economy are intact in 2050. It uses visual storytelling to deepen understanding of complex information, expand the decision-making capacity of community members, and connect with the community at large.

The project will evaluate options to protect critical roadways and important historic and economic resources vulnerable to sea level rise using state-of-the-art surveying-geomatic technology, and highly accurate 3-D topographic and architectural modeling. These realistically scaled virtual models and resulting imagery will be used to engage community members in visualizing expected impacts of sea level rise and exploring a range of adaptation options. The town of St. George intends to contract with Sebago Technics Inc. (Sebago) to lead this project.

In a new approach to gathering and presenting complex data, Sebago and their strategic industry partners SEARCH Inc. and VCTO Labs will integrate a full set of geo-referenced imagery, geo-spatial data and 3D laser scans to create a realistic

digital model of the study area. The evaluation will show how sea level rise and flooding will affect selected roadways, the town's working waterfront and historic structures. Community planners will be able to visualize alternative sea level rise scenarios and plot adaptive alternatives. The resulting intuitive experience puts people "in the picture" to experience flood conditions, and adaptation alternatives.

The economy of the region (which reaches as far down as Portland's Fish Exchange, Maine's only remaining fish auction) depends significantly on strong, resilient, accessible, and dependable working waterfronts. Current mapping shows that working waterfronts in Port Clyde, Tenants Harbor and Wheeler Bay may be vulnerable to sea level rise. While detailed visualizations of all these areas are beyond the scope of this project, an initial strategy for understanding the magnitude of the impacts and a plan to engage stakeholders in finding "next steps" toward sustainable solutions will be developed, which can be used as a model for other towns facing similar challenges.

The Town will engage Midcoast Council of Governments to assist with the working waterfront strategy, and community engagement - a key part of the project. Community engagement builds trust, and facilitates fair, equitable and sustainable outcomes. This project will use visualizations to raise awareness and invite participation, which is a strategy that can be replicated in other communities in Maine.

This project design represents St. George's commitment to proactive planning instead of crisis mode reaction. Project product will create investment actions that address climate challenges, providing for a strong and resilient community.

Expected outcomes:

- Increased participation in decision-making. During a recent public community meeting, residents expressed a desire for inclusivity, cooperation, and compromise when it comes to climate-related decisions. Using visual storytelling to demonstrate potential sea level and flooding impacts will provide real time engagement in the evaluation of adaptive options.
- A list of actions for adapting roadways to projected flooding. Using community feedback, the list will be prioritized, in terms of action and associated budgets to ensure all town roads are accessible in 2050.
- Information on location, expected risks, adaptation strategies and costs for protecting the community's historic resources will be compiled. This information will be available to residents, businesses, and decision makers for further planning, detailed design, and fundraising.
- Working waterfront strategy: In 2019, the Maine Department of Marine Resources estimated that Port Clyde had a total fishery value of almost \$7 million dollars, represented approximately 1,395,165 pounds in total landings, and supporting 79 harvesters. A strategy for understanding potential climate impacts to local working waterfronts and how stakeholders can begin to address them will be an outcome of this project.

- A model for other communities in Maine. This project uses accessible visual modeling, in a holistic approach to address urgent infrastructure needs. Through engagement, the process ensures an understanding of the impacts on historic and working waterfront resources. Engineers, landscape architects and local volunteers will be able to work collaboratively in new ways to find solutions. In its regional council role, MCOG will be positioned to share the process and what was learned, replicating the method with other communities facing similar challenges.

Tasks:

Task 1: Data Acquisition

Maine-based Sebago Technics Inc., with their strategic industry partners SEARCH Inc. and VCTO Labs, will use state-of-the-art technology to capture various critical infrastructure data. This data includes aerial LiDAR and photogrammetry, ground-based 3D Laser scanning, as well as nearshore and inland waterway bathymetric data. In conjunction with this work, a maritime archeological assessment of aforementioned data will be made to determine if historical or cultural sites are present within the project area that will also be impacted by sea level rise. Notably, Allen Island is included in the study area, the site of an archaeologically sensitive prehistoric site listed on the National Register of Historic Places. If identified, those areas would similarly be investigated. This information will then be combined with other publicly available resource data as needed.

Task 1 Deliverables:

- Prioritized list of areas for further evaluation, including identified archaeological sites, raw data files of areas surveyed in varied sensors/instruments formats

Task 2: Data Processing and 3D Modeling & Visualization

Utilizing the digital data captured in the field, accurate, up-to-date 3D digital models will be produced showing critical infrastructure sites identified by St. George along with historical/cultural areas sites identified by SEARCH. These multi-perspective 3D models will provide the basis for real-world proof of concept during the planning and design phases.

Task 2 Deliverables:

- Up to date georeferenced aerial imagery in geoTIFF format
- LiDAR surface models in .LAS format
- Bathymetric data in .BAG format
- ReCAP 3D point clouds in .RCP format
- Potential CADD files in .dwg format
- 3D Visualizations in .MP4 format
- GIS Shapefiles in .shp format

Task 3: Mitigation Analysis & Design Charette(s) Optioneering

Mitigation analysis and solution development will take place through a series of design charrettes (over the winter months) hosted by Sebago Technics. 3D visuals will convey useful information to stakeholders, showing what the remediation approach will look like upon completion. By visualizing the design realistically, the renderings show the design intent. These will examine sea level rise modeling, land subsidence impact, and mitigation strategy options. The design charrettes will be open to key stakeholders and key staff from Sebago and its partners.

Task 3 Deliverables

- Report in Word/PDF document format. The report will contain recommendations w/supporting 3D Visuals (picture, video visualizations, others tbd) detailing options arrived at during charette(s) and the approximate costs for those options that would ameliorate Town roads and any areas of historical, archeological, or working waterfront importance identified vulnerable to sea level rise. The document can be used for budgeting and as information for other grant funding efforts.

Task 4: Community Engagement

There are two components to the project's community engagement - raising awareness/inviting participation during the project, and a "Collective Perspectives Seminar" highlighting the innovative process, project results and how it can be used as a model in the future.

Raising awareness/Inviting participation: With assistance from MCOG, an outreach plan will provide highly visible project information and solicit feedback on adaptation options. The engagement plan will include:

- Periodically connecting with residents through the Town's Sustainability Newsletter, and website and through local social media sites.
- Networking with local organizations such as the St. George Business Alliance, St. George Community Development Corp, local churches, emergency management services and Knox County Office on Aging.
- Providing in-person information at the Town Hall on voting days in November and May.
- Other activities as outlined in the plan.

Collective Perspectives Seminar: Innovation with a Purpose": The "wicked problem" caused by sea level rise that St. George and other coastal communities face will require a collaborative approach with many different perspectives. To help foster that collective innovation approach, Sebago proposes leveraging this pilot and sharing its discoveries and learnings with other similar communities in Maine. To that end, Sebago Technics and its partners will host a case study seminar on behalf of St. George to present and discuss the findings and results from the design charrettes. This free-of-charge planned Spring seminar would bring together representatives from the Town of St. George, members of the project team, and other key leaders

and experts to help foster continued discussion focusing on approaches to support Maine's Resiliency into the future. The recorded seminar will be available to the public on the town's website and distributed to other municipalities through MCOG's regional and state network.

Task 4 Deliverables

- A written outreach plan with activities, purpose, metrics, and timeline.
- Hard-copy materials for tabling events.
- Proceedings whitepaper detailing the process, results and next steps made available for other similar communities to use as a reference for planning similar efforts.
- Recorded video of seminar.

Project Timeline:

Depending on weather, data gathering will be completed either in the fall of 2022 or spring of 2023, with data processing, 3-D modeling, mitigation analysis and design charrettes happening subsequently. The community engagement seminar will be scheduled thereafter, and it is anticipated that the project will be completed by June 30, 2023.

Roles and Responsibilities:

Sebago Technics Inc. augmented by VCTO Labs, will donate state of the art aerial and ground-based field surveying-geomatic services, including LiDAR, hydrographic and multispectral sensor data services to digitally capture sensitive road/waterway infrastructure intersection areas. We will rely on the areas St. George has identified and locate and map any critical cultural, historical, or other critical sites identified by SEARCH Inc. that also may be impacted by Sea Level Rise. This will also include services for the processing and modeling of the captured information. Sebago Technics will also provide services to manage a series of design charrettes to look at solutions and organize a spring seminar to engage the community in a plan. Terry D. Bennett, PLS, VP – Survey-Geomatics, will be the overall project manager and lead for Tasks 1 & 2, with Kylie Mason, RLA COO, leading Sebago's efforts in Tasks 3 & 4.

Terry Bennett. Mr. Bennett joined Sebago Technics, Inc. in 2020 and is a recognized global author, lecturer and industry expert on the disruptive impact and use of technology including UAS/Drones and LIDAR Imagery for sustainable approaches to all phases of civil engineering, surveying & natural resource management. He is a respected professional with extensive experience in AEC/BIM/CAD related technologies & services. Terry is an expert in strategic innovation & planning, industry foresight, implementation & guiding enterprises through change utilizing strong organizational skills and effective strategic leadership. He has a comprehensive background in results-oriented strategy planning, as well as extensive survey-geomatic project management and oversight experience on projects of all scales.

Kylie Mason, RLA, LEED-AP, is a Maine licensed landscape architect and Chief Operations Officer for Sebago Technics. Kylie oversees large-scale, complex projects serving a range of clients from Public & Private Schools to Medical Provider Campuses to Corporate Campuses. She excels in listening and communicating,

which form the foundation of her strong design ability and understanding of project goals and objectives. As Project Manager, she led multiple projects for Bowdoin College including Roux Center for the Environment, Whittier Athletic Complex, Pine Street Extension, Park Row Apartments, Harpswell Apartments, Brunswick Apartments, Schiller Coastal Studies Center, and multiple campus improvement projects.

Pete Kelsey Owner, VCTO Labs. Pete has spent 25 years in the architecture, engineering and construction (AEC) industry. He began working in civil engineering firms then as an independent consultant training civil engineer worldwide. After selling his services company he spent 11 years at Autodesk first as the Worldwide Technical Evangelist for Civil Products and then in major account and federal sales working directly with Autodesk's largest accounts. For the last 15 years Pete's focus has been on reality capture and digital twin technology completing hundreds of high-profile projects in the AEC space.

SEARCH Inc. will donate to this project cultural resource management/maritime archaeology expertise to identify non-infrastructure critical cultural/historical sites that could be impacted by sea level rise and what mitigation strategies might entail. SEARCH Inc.'s support costs from the grant are estimated to be \$14,100.

Michael A. Arbuthnot, MS, RPA, Vice President, SEARCH. Michael has worked as a professional archaeologist for over 20 years conducting projects across the United States, Canada, Europe, Middle East, Asia, and Oceania. Mr. Arbuthnot has assessed and evaluated sites for National Register eligibility and has overseen hundreds of terrestrial and underwater projects, including the shipwreck of the RMS Titanic with film director James Cameron on Discovery Channel's televised event Last Mysteries of the Titanic. Michael also conducted the first drone-based LiDAR documentation of L'Anse aux Meadows in Newfoundland, Canada. He has diverse and worldwide experience, having functioned as Project Manager, Principal Investigator, and author for more than 400 reports, articles, and presentations, including National Environmental Policy Act (NEPA) compliance studies for which he designed and implemented creative and time-/cost-saving solutions to mitigation requirements and unanticipated discoveries procedures.

The Midcoast Council of Governments (MCOG) is the regional planning organization serving Sagadahoc, Lincoln and Knox Counties, and select towns in Cumberland and Waldo County. We provide all levels of land use planning assistance, community and economic development services, and sustainability and resilience expertise to municipalities and county governments. The mission of MCOG is to strengthen their capability to act individually and collectively. To accomplish this, MCOG identifies, develops, and implements regional strategies for other pressing issues and opportunities. MCOG staff members have expertise in community engagement and project management. Staff working under this grant include:

Meg Rasmussen, Community Sustainability Planner. Meg brings nearly 30 years of experience as a landscape architect, project manager and organizational leader, working to address climate change, protect the environment and connect people to

nature. She has worked effectively on complex projects with community groups, building consensus across perspectives. As Senior Park Planner/Project Manager at the Scenic Hudson Land Trust, Meg led the Long Dock Phase 2 riverfront revitalization project addressing site contamination, sea level rise, and flooding issues. She engaged a diverse group of professionals and stakeholders in the process, resulting in broad community support.

St. George Community Resilience Committee: The working group that led the Community Resilience Partnership enrollment process, augmented with two students, and representatives of the fishing community, will continue working as the official town Community Resilience Committee. They will be responsible for providing guidance during the data collection and optioneering phases. They will also be responsible for planning and executing the community engagement plan facilitated by MCOG staff.

Richard Bates, Select Board Chair, will manage the project for the Town of St. George. Richard has been re-elected to the Select Board three times, and has been chair of the Select Board since 2013, Before retiring to St. George, he worked in various technical areas for AT&T Bell Labs, IBM Research and his own internet company. His undergraduate and doctoral degrees are from Cambridge University in the UK.

Project Need

Describe the need for the project. Why is this project a community priority?

St. George is a coastal community located on a 9-mile coastal peninsula jutting into the Gulf of Maine. The town has a rich tradition of recreational boating, commercial fishing, and tourism. There are over 125 miles of shoreline and numerous small harbors and coves. It is bounded on the west by the St. George River, on the east by Penobscot Bay, and on the north by the town of South Thomaston. Immediate proximity to the water makes planning for sea level rise an urgent issue for this community.

St. George completed the Maine Flood Resilience Checklist in February 2020, highlighting the need to address future flood hazards. Using source data from Maine Geological Survey and the Maine Office of GIS, and augmented by direct observation, six areas have been identified as either currently flooding during storms/king tides or vulnerable to future flooding using projections of between 1.5' and 4.0' of sea level rise (SLR). Without addressing the condition, large areas of the town will be cut off not only from every-day access to residents and working waterfronts, but from emergency vehicles, leaving vulnerable populations at risk.

Projected SLR will likely impact the eight sites listed on the National Register of Historic Places, as well as other economic (working waterfront) and cultural resources including historic sites on Allen Island, where the English explorer Captain Weymouth

found native people living in 1605. The island, now owned by Colby College, was once home to renowned Maine painter Andrew Wyeth. Surveyed information, analysis and mitigation options for these sites will be valuable for future planning and implementation efforts.

During the CRP enrollment process, the urgent need to address the effects of sea level rise was affirmed, including in the results of the Self-Evaluations and feedback from the public meeting. The resulting priority Community Action, to conduct a vulnerability assessment for critical community infrastructure is the basis of this project.

Community Engagement and Equity Considerations

Describe your approach to community engagement. Maine's climate response must ensure shared benefits across diverse populations of Maine people. Applicants should include robust community engagement in their action grant proposals, for example inclusive planning processes so that diverse community voices are able to participate. Climate change impacts will create the greatest hardships for already marginalized communities, and Maine must identify and promote solutions to help the people most vulnerable to climate impacts. Applicants should consider the potential benefits of their proposed climate action projects and, if applicable, describe how the project distributes those benefits equitably.

This project engages a broad cross-section of St. George residents in the following ways:

- 1) 3-D Visualization is a powerful way to convey complex information. More accessible to the public than maps, visualization engages the viewer intuitively, opening decision-making to a wider set of options and participants. Visualization will be shared on the town's website and during the public forum described below.
- 2) All residents living adjacent to the study sites will be notified by mail and invited to provide input on the alternative solutions generated through the design charrettes. Overall, the study sites are adjacent to a broad mix of housing types so diverse perspectives will be sought.
- 3) The Town recently launched a new monthly Sustainability Newsletter, sent to St. George residents. The newsletter focuses on a range of climate-related topics and will feature updates and information on the project as it progresses.
- 4) The Community Sustainability Committee is actively recruiting members with a range of connections in the community. With the understanding that broad buy-in is needed in order to commit the financial resources necessary to prepare for projected sea level rise, the Committee is hoping to engage members from

the fishing community, students, and long-time residents to bring even more diverse voices into the decision-making process.

Criteria 5: Budget

Budget Narrative

Please provide a detailed explanation of your proposed project expenses including how the proposed grant funding will be combined with other revenue sources to support the project.

The total project budget is \$167,100 and is well supported by in-kind donated services provided by Sebago Technics and its partners. Donated services of \$117,500 comprises approximately 70% of the total project budget. Proposed project expenses include over 1,200 hours of staff time, travel and lodging, equipment costs, printing and incidentals:

Task 1 Data Acquisition:

Staff time including one week of office pre-fieldwork and two weeks of on-site surveying are included. Per person staff costs are between \$2,000 -\$2,500/week. Survey crew size depends on site conditions and task; multiple staff members will be needed to complete the work. Lodging and travel expenses are also included.

- Funds requested: \$13,500
- In-kind donation: \$32,000

Task 2 Data Processing and 3D Modeling & Visualization:

Task includes 3-5 weeks of staff time and specialized computer use.

- Funds requested: \$15,500
- In-kind donation: \$37,500

Task 3 Mitigation Analysis & Design Charette(s) Optioneering:

Task includes Sebago Technics and its partners' staff time to complete analysis and to host a number of design charettes.

- Funds requested: \$10,100
- In-kind donation: \$18,000

Task 4: Community Engagement - Raising awareness/Inviting participation & "Collective Perspectives Seminar: Innovation with a Purpose"

Task includes 100 hours of MCOG staff time at \$55/hour to facilitate community engagement and formulate the working waterfront strategy. It also covers all Sebago's costs associated with preparing the white paper and hosting the final seminar including staff time, facility rental, refreshments, and incidentals.

- Funds requested: \$13,000
- In-kind donation: \$30,000

Cost-Share Table (if applicable)

Which cost share applies to the lead applicant?
 What is the project cost share amount?

A cost share will apply For Climate Action Grants that implement other community climate and energy priorities (i.e., activities not found in the Community Action Inventory).

Tier 1: Communities with populations less than 4,000

Tier 2: Communities with EITHER populations between 4,000 and 10,000 OR tax assessment less than \$25 million (according to State Revenue Sharing data).

Tier 3: Communities with populations greater than 10,000 AND tax assessment greater than \$25 million (according to State Revenue Sharing data).

Tier 1	Tier 2	Tier 3
10% local match	10% local match	20% local match

Budget Worksheet

Project Task	Funds Requested	Other Funds (in-kind)	Total Project Budget
Task 1	\$13,500	\$32,000	\$45,500
Task 2	\$15,500	\$37,500	\$53,000
Task 3	\$7,600	\$18,000	\$25,600
Task 4	\$13,000	\$30,000	\$43,000
Total	\$49,600	\$117,500	\$167,100

State of Maine
Governor's Office of Policy Innovation and the Future
LETTERS OF SUPPORT
RFA# 202207107
Community Resilience Partnership Community Action Grant

All applicants must include a letter of support from all communities (if proposal is collaborative).

Applicants are strongly encouraged to include letters of support from municipal and county officials, local civic leaders, or state legislators.



Colby College
5755 Mayflower Hill
Waterville, Maine 04901-88857
TEL 207-859-5755
dwking@colby.edu

DEPARTMENT OF CHEMISTRY

September 16, 2022

Brian Ambrette
Senior Climate Resilience Coordinator
Governor's Office of Policy Innovation and the Future
181 State House Station
Augusta, Maine 04333-0181

Dear Mr. Ambrette:

Colby College enthusiastically supports the Community Resilience Partnership Action Grant entitled *Visualizing Solutions: Assessing Vulnerable Infrastructure, Exploring Options and Engaging the Community Through 3-D Imaging* being submitted by the town of St. George.

Since 2016, through the generous support of the Up East Foundation and the Wyeth Foundation for American Art, Colby College has been using Allen and Benner Islands as a research and teaching living laboratory in the middle of Muscongus Bay. In 2021 Colby College acquired the islands from the foundations with a commitment to preserve and protect the natural ecosystem and historic legacy of the islands. Over this time the college has formed strong partnerships with community groups in Port Clyde and the St. Georges Public Schools. In 2022 over 100 administrators, teachers, and students visited the islands in support of the school's K-8 curriculum. In partnership with the school we are developing curricula in intertidal ecology and island history. The islands have been an important fishing site for thousands of years, documented by the archeological discovery of extensive shell middens on Allen and the contemporary use the Allen docks by the lobster fishery. At times over 3000 lobster traps are stored on Allen allowing local fishing families to repair and relocate gear as lobsters move in and out of Muscongus Bay.

The proposed work will directly enhance our ongoing research on intertidal ecosystems, inform the risk sea level change on island archeological sites and contemporary infrastructure, and add to the geospatial database that we are building to support teaching and research.

Sincerely,

D. Whitney King
Miselis Professor of Chemistry
Senior Advisor to the President
dwking@colby.edu



MARSHALL POINT LIGHTHOUSE & MUSEUM
P. O. BOX 247, PORT CLYDE, MAINE 04855

September 15, 2022

**Brian Ambrette
Senior Climate Resilience Coordinator
Governor's Office of Policy Innovation & The Future
181 State House Station
Augusta, Maine 04333-0181**

Dear Mr. Ambrette,

I am writing this letter on behalf of the Marshall Point Lighthouse & Museum Committee in support of the Town of St George's State of Maine Community Action Grant Proposal. Our ocean side location in Port Clyde and being an iconic tourist destination, any future sea level rise will have an impact on us and the roads leading to our campus. We wholeheartedly support the proposed maritime archeological assessment to determine if historical or cultural sites might be impacted by sea level rise.

Sincerely,

A handwritten signature in cursive script that reads "Nathaniel Lyon".

**Nathaniel Lyon, Museum Director
Marshall Point Lighthouse & Museum Committee**



JANET T. MILLS
GOVERNOR

MAINE HISTORIC PRESERVATION COMMISSION
55 CAPITOL STREET
65 STATE HOUSE STATION
AUGUSTA, MAINE
04333

KIRK F. MOHNEY
DIRECTOR

September 13, 2022

Brian Ambrette
Senior Climate Resilience Coordinator
Governor's Office of Policy Innovation and the Future
181 State House Station
Augusta, Maine 04333-0181

Dear Mr. Ambrette:

On behalf of the Maine Historic Preservation Commission, I am writing to support the Town of St. George's Community Action Grant entitled, *Visualizing Solutions: Assessing Vulnerable Infrastructure, Exploring Options, and Engaging the Community Through 3-D Imaging*.

The Maine Historic Preservation Commission is the State Agency that preserves the architectural, historic, and environmental heritage of the people of the State and develops and promotes the cultural, education and economic benefits of these resources.

St. George's Community Action Grant proposal aligns strongly with how the Commission envisions including historic and cultural properties into the process of planning for climate change. It encompasses the critical task of finding options to protect valuable historic resources like Marshall Point Light Station, owned by the Town, among other sites. In addition, it will provide a model for expanding awareness and decision-making using 3-D visualizations, which is a highly effective way of conveying technical information. Indeed, this project meets multiple goals of the 2021 Statewide Historic Preservation Plan, *Heritage for the Future: 2021-2026*, including:

- working with planning professionals to ensure historic resources are visible and included in all planning projects;
- assessing the effects of extreme weather events and what types of adaption measures are appropriate for historic properties;
- exploring methods to speed up inventorying at-risk resources, using tools such as LIDAR, GPS, 3D scans, citizen science efforts, and alternative survey methods;
- coupling resource inventory information with emerging discussions of resilience and adaptation;
- providing communities with the historic resource information residents and decision-makers need to assess steps moving forward; and
- collaborating with the Governor's Office of Policy, Innovation, and the Future, the Maine Climate Council, FEMA, MEMA, , environmental and land trust groups, and regional and municipal planning professionals to discuss the importance of historic resources and the impacts of climate change on them, and to identify funding for historic resources/climate change response and planning.

Maine's historic places foster a sense of identity and provide economic benefits the Town of St. George. We hope you will invest in this project and consider the Town's application favorably.

Sincerely,

Christi A. Chapman Mitchell

Christi A. Chapman-Mitchell
Assistant Director
Deputy State Historic Preservation Officer



HOUSE OF REPRESENTATIVES

2 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0002

(207) 287-1400

TTY: MAINE RELAY 711

Ann Higgins Matlack

130 Scraggle Point Road

Spruce Head, ME 04859

Residence: (207) 594-4831

Ann.Matlack@legislature.maine.gov

September 15, 2022

Mr. Brian Ambrette
Senior Climate Resilience Coördinator
Governor's Office of Policy Innovation and the Future
181 State House Station
Augusta, Maine 04333-0181

Dear Mr. Ambrette,

I write to you in support of the Town of St. George's application for a State of Maine Community Action Grant.

For several years, the Town of St. George has engaged community members in discussions regarding how best to plan for and potentially mitigate the effects of climate change on our community. Our roads and areas of our various villages are currently susceptible to severe climate events and this problem will only worsen over time.

The town's proposed project will address issues associated with climate change, particularly the impact of sea level rise, and aid the community in evaluating options to ameliorate infrastructure vulnerable to sea level rise. This will ensure that all town roads are passable now and in the future. Additionally, the town will use this opportunity to look at critical historical and cultural sites that may be at risk from the effects of climate change and which are of great importance to the community.

I appreciate your careful consideration of this grant application and look forward to your favorable response.

Respectfully,

A handwritten signature in black ink that reads "Ann Higgins Matlack".

Ann Higgins Matlack
State Representative, District #92
Cushing, South Thomaston, St. George, Thomaston,
Matinicus, Criehaven & the Muscle Ridge Islands



Senator David R. Miramant
3 State House Station
Augusta, ME 04333-0003
(207) 287-1515
David.Miramant@legislature.maine.gov

Brian Ambrette
Senior Climate Resilience Coordinator
Governor's Office of Policy Innovation and the Future
181 State House Station
Augusta, Maine 04333-0181

Coordinator Ambrette,

I am writing to strongly support the Town of St. George's application for the Community Resilience Partnership Community Action Grant. This grant will be instrumental in aiding the community as they study the effects of sea-level rise around St. George.

A study of sea-level rise is a critical first step towards reducing the vulnerability of our coastal communities. The Community Resilience Partnership Community Action Grant will provide funding for this vital project. The results from this study will be of tremendous value to other coastal towns across Maine. If successful, it will be a model for other communities to follow and benefit from.

This proposed project will involve collecting and analyzing spatial data to understand the potential effects of rising sea levels on St. George and the surrounding area. The study will focus on characterizing roads, historical, and cultural sites in town that are vulnerable to sea-level rise. Then, a plan for mitigating the risks will be developed with substantial community input. Sebago Technics and their partners will use aerial LiDAR and photogrammetry, ground-based 3D Laser scanning, as well as nearshore and inland waterway bathymetric data to complete the study.

This information will help the town develop a strategy to deal with the effects of climate change on its communities. The results of this study will be of great value to the town and can help educate other communities about the risks and potential impacts of climate change on their residents and the environment.

Please join me in supporting the Town of St. George in this proactive effort to mitigate the risks of climate change and protect our coastal communities.

Sincerely,

A handwritten signature in black ink, appearing to read "David Miramant".

Senator David Miramant

CERTIFICATE OF MEMBERSHIP

ISSUE DATE 09/19/22

NAMED MEMBER
 Town of Saint George
 PO Box 131
 Tenants Harbor, ME 04860-0131

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND, OR ALTER THE COVERAGE AFFORDED BY THE POOL.

COMPANIES AFFORDING COVERAGE

COMPANY
 A - MAINE MUNICIPAL ASSOCIATION PROPERTY AND CASUALTY POOL

 60 Community Dr.
 Augusta, ME 04330

COVERAGES

THIS IS TO CERTIFY THAT THE COVERAGE LISTED BELOW IS AFFORDED TO THE MEMBER NAMED ABOVE FOR THE PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE COVERAGE DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH PROGRAM.

CO LTR	TYPE OF COVERAGE	CERTIFICATE NUMBER	EFFECTIVE DATE	EXPIRATION DATE	LIMITS OF LIABILITY
A	General Liability	P13120PC2022	07/01/2022	07/01/2023	\$400,000/occurrence for causes of action pursuant to the Maine Tort Claims Act. Coverage is limited to those areas for which governmental immunity has been expressly waived. \$2,000,000/occurrence for causes of action pursuant to federal law or state law for which immunity is not provided by the Maine Tort Claims Act. The total limit of liability available per occurrence is \$2,000,000 regardless of number or types of actions.
	<input checked="" type="checkbox"/> Premises/Operations				
	<input checked="" type="checkbox"/> Products/Completed Operations				
	<input checked="" type="checkbox"/> Contractual				
	<input checked="" type="checkbox"/> Broad Form Property Damage				
	<input checked="" type="checkbox"/> Personal Injury				
	<input checked="" type="checkbox"/> Bodily Injury/Property Damage				
<input type="checkbox"/> Claims Made <input checked="" type="checkbox"/> Occurrence					
	Law Enforcement Liability				
	Medical Malpractice / Ambulance Malpractice				
	Automobile Liability				\$400,000/occurrence
	Automobile Physical Damage				
	Property - All Risk				
	Crime				
	Other				
	Workers Compensation and Employer Liability				

Description of Operations/Locations/Vehicles/Special Items

Coverage under the above-identified Certificate applies only on behalf of the Town of St. George with respect to Section III-Liability, Agreement D-General Liability with respect to Community Action Grant Under the State's Community Resilience Partnership, only with respect to claims or "suits" arising, in whole or in part, out of the acts, conduct or omissions of Town of St. George.

Certificate Holder	Cancellation
Town of St. George P.O. Box 131 Tenants Harbor, ME 04860	Should any of the above described certificates be cancelled before the expiration date thereof, notice will be delivered in accordance with the common conditions.
	Authorized Representative <i>Michelle Pelletier</i>