



United States Department of the Interior



NATIONAL PARK SERVICE
Golden Gate National Recreation Area, Interior Region 10
Building 201, Fort Mason
San Francisco, CA 94123-0022

IN REPLY REFER TO:

1.A.1 (GOGA-PEP)

Nov 5, 2020

Heather Dennis
Marin County Community Development Agency
3501 Civic Center Drive, Room 308
San Rafael, CA 94903

Dear Ms. Dennis:

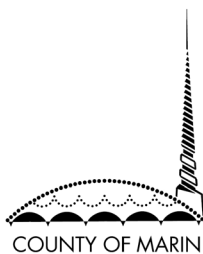
The National Park Service (NPS) would like to express its support for the Marin County Community Development Agency's (CDA) proposal for the Ocean Protection Council Proposition 68 Coastal Resilience grant solicitation. CDA is proposing a project to undertake an innovative and replicable adaptation planning process for the Stinson Beach area. The planning process will have a robust public engagement process with specific time and place-based adaptation measures. They will be incorporated into adaptation pathways that identify transition points for near, medium, and long-term measures.

The NPS manages the southern portion of Stinson Beach, including a public beach and facilities such as parking, picnic areas, restrooms, and lifeguard buildings. Our long-range plan proposes a climate change adaptation plan for the site that would integrate park, community, and other stakeholder interests. To begin that process, we conducted an initial vulnerability assessment which is informing several short-term actions. We expect that engaging in this collaborative process with Marin County and building on the vulnerability assessment will achieve many of the planning objectives we have for Stinson Beach. The NPS looks forward to the interagency effort, including a robust community engagement process and other investigations, to chart a coordinated path forward for the beach and surrounding area.

CDA is well suited to develop this plan, as is evident by the completed *Marin Ocean Coast Sea Level Rise Vulnerability Assessment* and the *Marin Ocean Coast Adaptation Report*, as well as the agency's ongoing and innovative work studying the feasibility of natural and nature-based adaptation solutions in Stinson Beach and Tomales Bay. CDA's process for developing the plan and methods of analysis will be replicable and accessible to other local governments, making it a major step forward in California's efforts to adapt to sea level rise. Therefore, the NPS strongly supports this proposal and commits to working collaboratively with CDA and other agencies in this important work.

Sincerely,

Laura E. Joss
General Superintendent



MARIN COUNTY PARKS

Preservation • Recreation

November 3, 2020



- OPEN SPACE DISTRICT
- REGIONAL PARKS & PATHWAYS
- COMMUNITY PARKS
- LANDSCAPE SERVICES

Max Korten
DIRECTOR AND
GENERAL MANAGER

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www.marincountyparks.org

Ocean Protection Council
Proposition 68 Chapter 10
Coastal Resilience Grant Funding

RE: Letter of Support for Greater Farallones Association proposal

Dear Ocean Protection Council Grant Review Team,

On behalf of Marin County Parks, I am writing to express support for the Marin County Community Development Agency's (CDA) proposal for Ocean Protection Council Proposition 68 funding opportunity. CDA is proposing to develop a Stinson Beach Adaptation and Resilience Collaboration (ARC). The Plan will have a robust public engagement process with specific, time and place-based adaptation measures incorporated into adaptation pathways that identify transition points for near, medium, and long-term measures.

Marin County Parks manages a large portion of open space lands adjacent to Stinson Beach, and much of our lands is currently being affected by sea level rise and climate change, and our agency sees the immediate need for an adaptation strategy that incorporates all landowners and managers. This proposal includes the formation of an intra-agency group specifically for this adaptation plan and the development of adaptation alternatives, which Marin County Parks looks forward to participating in. This is greatly needed, and Marin County Parks sees the Plan as an opportunity to share data and staff expertise, which will improve the design process for all local agencies and organization that share and cross many lines and boundaries.

The County of Marin and CDA is well suited to develop such a plan, as is evident by other work that agencies in the County have developed that includes CDA's completed *Marin Ocean Coast Sea Level Rise Vulnerability Assessment* and the *Marin Ocean Coast Adaptation Report*; the Department of Public Works *Marin Bay Waterfront Adaptation and Vulnerability Evaluation* (BayWAVE); Marin County Parks "*Evolving Shorelines*", the shared vision for sea level rise adaptation at Bothin Marsh Open Space Preserve; and, Marin County Parks *Bolinas Lagoon North End Sea Level Rise Adaptation Project: Conceptual Design Report*. CDA's process for developing the plan and methods of analysis will be replicable and accessible to other local governments, making it a major step forward in the State's efforts to adapt to sea level rise. Therefore, Marin County Parks strongly supports this proposal and commits to working collaboratively with CDA and other agencies in this important work.

Respectfully submitted,


Max Korten (Nov 9, 2020 10:58 PST)

Max Korten
Director and General Manager
Marin County Parks



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE

Greater Farallones National Marine Sanctuary

991 Marine Dr., The Presidio
San Francisco, CA 94129

November 3, 2020

Ocean Protection Council
1416 Ninth Street, Suite 1311
Sacramento, CA, 95814

RE: Support for Proposition 68 Coastal Resilience Grant for Marin County Community Development Agency's proposal for the Stinson Beach Area

Dear Members of the OPC Prop 68 Coastal Resilience Grant Review Team:

On behalf of the Greater Farallones National Marine Sanctuary (GFNMS), I am writing to express support for the Marin County Community Development Agency's (CDA) proposal for the Ocean Protection Council Proposition 68 Coastal Resilience grant solicitation. CDA is proposing a project to undertake an innovative and replicable adaptation planning process for the Stinson Beach area. The planning process will have a robust public engagement process with specific, time and place-based adaptation measures incorporated into adaptation pathways that identify transition points for near, medium, and long-term measures. This project is consistent with our mission to protect wildlife, habitat and cultural resources. Specifically, the community-scale adaptation planning process is a necessary step in developing a long-term, implementable adaptation plan that addresses natural resources assets and risks in the Stinson Beach area.

We have been collaborating on resiliency planning with CDA since 2014 as part of the Sea-level Marin Adaptation Response Team (C-SMART) and as partners in the North-central California Coastal Sediment Coordination Committee. The Marin Ocean Coast Sea Level Rise Vulnerability Assessment and Adaptation Report have demonstrated the CDA's high caliber work. The CDA is well suited to develop this plan, as is evident by the agency's ongoing and innovative work studying the feasibility of natural and nature-based adaptation solutions in Stinson Beach and Tomales Bay. CDA's process for developing the plan and methods of analysis will be replicable and accessible to other agencies, making it a major step forward in the State's efforts to adapt to sea level rise.

The CDA proposal promises to be helpful not just to West Marin's unincorporated communities, but also to GFNMS, which is so integral to the cultural identity of both Marin County and Coastal California. GFNMS strongly supports this proposal and commits to working collaboratively with CDA and other agencies in this important work.

Sincerely,

Maria Brown, Superintendent
Greater Farallones National Marine Sanctuary



GREATER FARALLONES ASSOCIATION

November 10, 2020

Ocean Protection Council
1416 Ninth Street, Suite 1311
Sacramento, CA 95814

RE: Letter of Support for County of Marin, Community Development Agency proposal

Dear Ocean Protection Council Grant Review Team,

On behalf of Greater Farallones Association (GFA), please accept this letter of support for Marin County Community Development Agency's (CDA) Proposition 68 Coastal Resilience grant proposal: *Stinson Beach ARC: Adaptation and Resilience Collaboration (Stinson Beach ACR)*. As the nonprofit partner of Greater Farallones National Marine Sanctuary, GFA works to preserve the resources, wildlife, and habitats of our marine environment, including the coastal areas surrounding Stinson Beach and Bolinas Lagoon. GFA is a trusted resource in West Marin and has worked closely for years alongside CDA and other partners to plan and implement climate adaptation initiatives that strengthen ecosystem resilience against future change.

Stinson Beach ARC builds from past planning processes that characterized climate vulnerability and adaptation options for Marin County's coastal communities, and focuses on climate impacts to critical transportation, infrastructure and parcels in Stinson Beach, the community most immediately at risk. Recognizing the significant ecological resources in the area, GFA's focus is to ensure proposed adaptation measures fully account for ecosystem health and sustainability, creating a complementary and effective approach for system-wide adaptation planning. Further, the GFA-led *Bolinas Lagoon South End Habitat Adaptation and Resilience* project, which will address impacts from sea level rise and storm surge at the southern end of Bolinas Lagoon, will be included in *Stinson Beach ARC* as one of the near-term adaptation measures assessed. This will bring added value to our project through additional assessment and valuation, including economic benefit-cost analysis, and increased visibility to local residents and organizations.

As part of our commitment to this project, GFA will attend ongoing partner meetings including the quarterly Bolinas/Stinson partners meetings and CDA's project-specific subgroup of the Coastal Communities Working Group. Working together towards a common vision, GFA and CDA can ensure Stinson Beach continues to thrive amidst intensifying climate impacts, with collaborative adaptation approaches that benefit the community and the ecologically-significant natural resources of the area. We strongly urge the Ocean Protection Council to fund *Stinson Beach ARC: Adaptation and Resilience Collaboration*.

Sincerely,

Deb Self

Executive Director
Greater Farallones Association

The Presidio • P.O. Box 29386 • San Francisco • California • 94129
Tel. 415-561-6625 • Fax 415-561-6616 • www.farallones.org
Non-profit tax ID# 94-3227237



November 9, 2020

Dear Members of the OPC Prop 68 Coastal Resilience Grant Review Team:

The West Marin Chamber of Commerce is a regional body serving the entire West Marin unincorporated area, providing leadership and liaison with every level of government, community groups and visitors to enhance economic viability while upholding environmental quality of this world renowned area. We write to express our support for and partnership with the County of Marin Community Development Agency (CDA) Adaptation and Resilience Collaboration (ARC) program. ARC will respond to sea level rise's existential threat to our way of life, homes, businesses, infrastructure and natural resources, including our internationally recognized wetlands. commitment to a, exceptionally inclusive public involvement process.

The ARC program will make the County of Marin one of the first local governments to develop a sea level rise adaptation plan with specific time and place space adaptation measures incorporated into adaptation pathways that identify transition points for near, medium and long-term measures. The pathways will undergo rigorous cost benefit analysis including identifying financing measures for implementation. ARC will be built through a ground-breaking, deep engagement of residents, non-local users, disadvantaged communities and others holding a stake in the future of Marin's coast.

ARC will be the next step of the pioneering work on the *Marin Ocean Coast Sea Level Rise Vulnerability Assessment*, the *Marin Ocean Coast Adaptation Report*, and the agency's current feasibility studies of natural and nature-based adaptation solutions in Stinson Beach and Tomales Bay. As with this prior work CDA's process for developing the plan, engaging diverse communities, and analyzing potential solutions will be replicable by and accessible to other adaptation planners, making a strong contribution to the State's efforts to adapt to sea level rise.

We greatly appreciate CDA's leadership and initiative on sea level rise adaptation in West Marin County. We especially appreciate the attention to financing adaptation options in this program as West Marin's economy is supported by coastal communities at risk from sea level rise.

Once again The West Marin Chamber of Commerce strongly supports this proposal and commits to our continued involvement through CDA's community outreach.

Sincerely,

A handwritten signature in dark ink, appearing to read "Frank Borodic".

Frank Borodic, President

West Marin Chamber of Commerce



MULTICULTURAL CENTER ^{OF} MARIN

November 5, 2020

Dear Members of the OPC Prop 68 Coastal Resilience Grant Review Team:

The Multicultural Center of Marin is a nonprofit that stands as a testament to the cultural wisdom and diversity that is inherent in the immigrant communities that make up Marin County. Through training, mentorship, collaboration, and community organizing, the Multicultural Center of Marin provides the pathways and opportunities for people of these diverse communities to come together in strength. And by doing so, they become a wellspring for creating positive, community-rooted solutions throughout Marin County. It's important to continue to not only have equal access to low cost recreational opportunities afforded by our County's beaches, but also to be meaningfully and fully involved in the planning and decision-making regarding the Sea Level Rise threats important resources.

We have worked with the Marin County Community Development Agency (CDA) in furthering initiatives for environmental justice, including the very successful Youth Exploring Sea-level rise Science (YESS) program. CDA has again asked for our participation in the Adaptation and Resilience Collaboration (ARC) proposal to your Council. ARC would undertake a leading-edge adaptation planning process for Stinson Beach specifically will rely on an intensive public engagement process that will rely on, and be informed by the knowledge, perspective and community connections that the Multicultural Center of Marin is known for.

CDA has the background and skills to help the broad community develop this plan, by building upon the *Marin Ocean Coast Sea Level Rise Vulnerability Assessment* and the *Marin Ocean Coast Adaptation Report*, as well as agency's ongoing and inventive feasibility studies of natural and nature-based adaptation solutions in Stinson Beach and Tomales Bay. CDA's process for developing the plan, engaging diverse communities, and analyzing potential solutions will be replicable and accessible to other adaptation planner and currently disadvantaged communities, taking a major step forward in the State's efforts to adapt to sea level rise. Therefore, **the Multicultural Center of Marin** strongly supports this proposal and commits to working collaboratively with CDA and other agencies in this important work.

Sincerely,

Douglas Mundo
Executive Director



CITY MANAGERS OFFICE | 809 CENTER STREET | SANTA CRUZ, CA 95060

November 12, 2020

Dear Members of the OPC Prop 68 Coastal Resilience Grant Review Team:

On behalf of City of Santa Cruz Climate Action program, I would like to express support for Marin County Community Development Agency's (CDA) proposal for the Ocean Protection Council Proposition 68 Coastal Resilience grant. Marin's C-SMART staff and our program have a many-year history of mutually beneficial cooperation and knowledge sharing. We know that innovations, insights and advances they develop through their proposed Stinson Beach area project will be actively disseminated and shared with us and with other practitioners, just as was the case with the *Game of Floods* and other useful resources.

The CDA's record of success including their *Marin Ocean Coast Sea Level Rise Vulnerability Assessment* and the *Marin Ocean Coast Adaptation Report*, as well as their current imaginative and inventive work studying the feasibility of natural and nature-based adaptation solutions in Stinson Beach and Tomales Bay, makes them well-equipped for this project. It will be particularly interesting and instructive to see how CDA's proposed public engagement plan that puts the Community in the driver's seat of the next stage of adaptation planning works out, and what lessons will come out of that effort for other local governments

Therefore, City's Climate Action program strongly supports this proposal and to the degree possible, commits to working collaboratively with CDA in this important work.

Sincerely,

A handwritten signature in black ink that reads "Tiffany Wise-West". The signature is written in a cursive, flowing style.

Dr. Tiffany Wise-West, PE,
Sustainability & Climate Action Manager

San Francisco Bay Conservation and Development Commission

375 Beale Street, Suite 510, San Francisco, California 94105 tell 415 352 3600 fax 888 348 5190

State of California | Gavin Newsom – Governor | info@bcdc.ca.gov | www.bcdc.ca.gov

November 12, 2020

Dr. Mark Gold
California Ocean Protection Council
1416 Ninth Street, Suite 1311
Sacramento, CA 95814

SUBJECT: Support for the Marin County Community Development Agency's Proposition 68 Grant Proposal

Dear Dr. Gold:

On behalf of San Francisco Bay Conservation and Development Commission (BCDC), I want to express support for the Marin County Community Development Agency's (CDA) Proposition 68 Ocean Protection Council (OPC) proposal entitled "Stinson Beach ARC: Adaptation and Resilience Collaboration." Marin County CDA is proposing a project to undertake an innovative and replicable adaptation planning process for the Stinson Beach area. The planning process will include robust public engagement with specific, time and place-based adaptation measures incorporated into adaptation pathways that identify transition points for near, medium, and long-term measures.

BCDC, the nation's first coastal zone management agency, continues to lead the Bay Area's development of a regional strategy to protect people, habitat, and commerce in light of rising sea level. Marin County CDA proposed work advances best practices in adaption planning that will inform BCDC's and the Bay Area's key adaptation priorities. In particular, centering community values through radical local engagement, the development of adaptation pathways with critical thresholds, and the application of evaluation criteria will inform key aspects of BCDC's Adapting to Rising Tides "Adaptation Guidance" which contributes to improvements in coastal adaptation planning outcomes across the state. The project also includes an innovative beach visitation survey to identify and engage those communities who visit Stinson Beach from outside the area. As an agency charged with ensuring the maximum feasible public access to the Bay shoreline, BCDC is interested in methodologies that can better characterize shoreline users and engage them in the design of public access.





November 10, 2020

Dear Members of the OPC Prop 68 Coastal Resilience Grant Review Team:

On behalf of the Bay Area Climate Adaptation Network (BayCAN) I am writing to express our strong support for the Marin County Community Development Agency's (CDA) proposal for the Ocean Protection Council Proposition 68 Coastal Resilience grant solicitation. CDA is proposing a project to undertake a highly innovative and replicable adaptation planning process for the Stinson Beach area in West Marin. The planning process will have a robust public engagement process with specific, time and place-based adaptation measures incorporated into adaptation pathways that identify transition points for near, medium, and long-term measures.

We are particularly pleased to support the Marin County proposal because we need more on-the-ground projects to serve as models for the Bay Area sea level rise community. We believe the inclusive planning process outlined by Marin will “show the way” for many other bayside and oceanside local governments. BayCAN’s entire program is focused on helping cities, counties and special districts *learn from each other* as we push forward into this uncharted territory of climate change impacts. This proposed project will certainly advance those efforts.

We have worked extensively with Marin County as they developed the excellent *Marin Ocean Coast Sea Level Rise Vulnerability Assessment* and the *Marin Ocean Coast Adaptation Report*, as well as agency’s work on the feasibility of natural and nature-based adaptation solutions in Stinson Beach and Tomales Bay. CDA’s process for developing the plan and methods of analysis will be replicable and accessible to other local governments, making it a major step forward in the State’s efforts to adapt to sea level rise. BayCAN strongly supports this proposal and commits to working collaboratively with CDA and other agencies in this critical work.

Sincerely,

Bruce Riordan, Director
BayCAN

November 2, 2020

RE: Support for OPC Proposition 68 Coastal Resilience Grant

Dear Members of the OPC Prop 68 Coastal Resilience Grant Review Team:

On behalf of the San Francisco Estuary Institute, I am writing to express our support for the Marin County Community Development Agency's (CDA) proposal for the Ocean Protection Council Proposition 68 Coastal Resilience grant solicitation.

CDA is proposing a project to undertake an innovative and replicable adaptation planning process for the Stinson Beach area. The planning process will have a robust public engagement process with specific, time and place-based adaptation measures incorporated into adaptation pathways that identify transition points for near, medium, and long-term measures.

The Institute (SFEI), has worked closely with several Marin cities as well as Marin County on a wide range of shoreline adaptation planning efforts. For example, we collaborated with the Marin County Planning and Public Works Departments on the development of [San Francisco Bay Shoreline Adaptation Atlas](#). We also collaborated with Marin County on a [User's a Guide](#) to the Application of the Atlas, specifically focused on Marin County. While these two documents were focused on Bay shoreline issues, the nature-based solutions are applicable to Marin's outer coast planning efforts.

The CDA is well suited to develop this plan, as is evident by the completed *Marin Ocean Coast Sea Level Rise Vulnerability Assessment* and the *Marin Ocean Coast Adaptation Report*, as well as agency's ongoing and innovative work studying the feasibility of natural and nature-based adaptation solutions in Stinson Beach and Tomales Bay.

CDA's process for developing the plan and methods of analysis will be replicable and accessible to other local governments, making it a major step forward in the State's efforts to adapt to sea level rise. Therefore, the San Francisco Estuary Institute strongly supports this proposal and commits to working collaboratively with CDA and other agencies in this important work.

Respectfully,

Warner Chabot

Warner Chabot
Executive Director
San Francisco Estuary Institute



3820 Cypress Drive #11, Petaluma, CA 94954
T 707.781.2555 | F 707.765.1685

Tuesday, November 10, 2020

Dear OPC staff:

I am writing on behalf of Point Blue Conservation Science to confirm our collaboration with the County of Marin Community Development Agency (CDA) on their proposal, "Stinson Beach ARC: Adaptation and Resilience Collaboration" in response to the OPC Prop 68 competition. Point Blue will provide input on all aspects of the project and will lead the analysis of cell phone data to identify high use areas on Stinson Beach and document what communities are using Stinson Beach as a recreation resource. We are excited to participate as a member of the project team and we look forward to see real progress towards the implementation of nature-based sea-level rise adaptation strategies.

Point Blue has a long history of working with the County of Marin CDA on sea-level rise vulnerability and adaptation planning. Members of the CDA were involved with providing input on the creation of the [Our Coast Our Future](#) decision support tool which provides future projections of coastal flood impacts from sea-level rise and storms along California's coast. Point Blue has been working with the CDA on their C-SMART sea level rise vulnerability and adaptation planning efforts for over five years. In addition, the CDA was the primary agency advisor on the development of [Point Blue's Sea-level Rise Adaptation Framework](#) which provides a process for identifying and evaluating nature-based adaptation strategies for addressing threats from sea-level rise and storms. Throughout the process, CDA staff provided important guidance to ensure that the framework process would be actionable by local planning agencies.

The County of Marin CDA continues to be a leader for innovative, community informed sea-level rise planning along the west coast of the United States. Point Blue is committed to support the CDA in these efforts and will continue to help transfer lessons learned to other agencies with jurisdiction along California's coast.

If you have any questions, please contact me at moliva@pointblue.org or our programmatic lead for this work, Climate Adaption Director Dr. Sam Veloz at 707-480-9396 or sveloz@pointblue.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Manuel J. Oliva", with a small capital "A" at the end of the signature.

Manuel J. Oliva
Chief Executive Officer
Point Blue Conservation Science
moliva@pointblue.org
707-781-2555 ext. 318



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November 12, 2020

OPC Prop 68 Grant Review Board

Subject: OPC Prop 68 grant proposal for Stinson Beach ARC: Adaptation and Resilience Collaboration

Dear Review Board:

The use of nature-based adaptation approaches at Stinson Beach presents a significant opportunity to protect this coastal community from flooding and erosion associated with climate change while enhancing a beloved, recreationally important and ecologically valuable beach and dune system. With significant stretches of Marin's population living and recreating along the shoreline, the Marin Community Development Agency (CDA) has been a leader in raising awareness and readiness for sea level rise adaptation. ESA has been fortunate to support the CDA in these successful efforts over many years and is excited at the prospect of collaborating with the CDA on the proposed Stinson Beach ARC project.

Locally, ESA has been supporting the CDA in efforts directly laying the groundwork for the proposed project. ESA's analyses supported development of the adopted Marin County Local Coastal Program (LCP) Sea-Level Rise Adaptation Grant Program, for which ESA assisted the County with obtaining funding, mapping coastal flooding hazards, updating coastal erosion hazards to account for sea-level rise, assessing the vulnerability of wetlands and beaches, and developing shoreline adaptation strategies. As an expanded task related to the LCP update, ESA continued to work with the County on the Collaboration Sea-level Mitigation Adaptation Response Team (C SMART) Program, which produced major vulnerability and adaptation planning reports covering the Stinson community. We're currently working for the CDA to assess the feasibility of using nature-based infrastructure at Stinson Beach as an alternative to traditional coastal armoring.

More generally, ESA has been assisting Marin County since the mid-1990s with the development of scientifically-sound and community-supported management plans for the Bolinas Lagoon, adjacent to Stinson Beach, and other projects. ESA is currently engaged in numerous sea-level rise adaptation projects for Marin County. In addition to the current (feasibility) phase of Stinson Beach Nature-Based Adaptation (for Marin CDA), ESA is working on the Living Shorelines Feasibility Study for Tomales Bay (for Marin CDA), Bothin Marsh Sea Level Rise Adaptation Project (for Marin County Parks), and McInnis Marsh Restoration (for Marin County Parks). These projects will include enhanced and/or restored beaches and tidal wetlands integrated with nature-based and traditional (as needed) flood protection and erosion reduction elements.

ESA is a multi-disciplinary environmental planning and design firm founded in California in 1969. We are known for leading multi-objective projects that integrate coastal hazard analyses, vulnerability assessments, and economic analysis, with climate change adaptation and restoration planning as they relate to infrastructure systems, to benefit the environment and society as a whole. We are an employee-owned corporation of more than 500 professionals who are located within 19 offices across California, Oregon, Washington, and Florida.