

Proposal | Revised July 5, 2022

County of Santa Barbara Climate Change Adaptation Plan & Outreach



Submitted by:

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Whitney Wilkinson, Senior Planner
Santa Barbara County, Long Range Planning Division
Via email: wwilkinson@countyofsb.org

May 16, 2022

Re: Santa Barbara County Climate Change Adaptation Plan

Dear Ms. Wilkinson and Selection Committee:

I am pleased to present BluePoint Planning Team's proposal for the County of Santa Barbara Climate Change Adaptation Plan. The following submittal provides information on our team, understanding, approach, and responds to the specific RFP's submission requirements.

For this effort, we have compiled a dynamic team with BluePoint Planning as the lead planner and engagement consultant and Rincon Consultants as a partner and technical subconsultant. In addition, we have included a full complement of adaptation focus area experts in coastal adaptation, wildfire ecology, nature based solutions, funding, and financing. Together, this Team will provide the County with an innovative, action-oriented, and implementation-focused Adaptation Plan that is centered in equitable and inclusive engagement. In summary, the BluePoint Team offers the following strengths:

- **Extensive experience in resilience, climate, and adaptation planning** for counties, and local governments;
- **Unparalleled capabilities in facilitating diverse stakeholder groups** resulting in accessible and action-oriented plans;
- Proven track record in **translating technical information and complex ideas** into meaningful storymaps, visuals, and tools in print and web-enabled formats;
- **Knowledge of the community, issues, and needs in Santa Barbara County** related to adaption, climate action, and community involvement;
- **Deep knowledge and understanding of California's regulatory environment, agencies, and people** to enable informed and efficient evaluation and distillation of current studies, reports, and data into usable content; and
- **Effective and efficient project management**, meeting deadlines and budgets, while maintaining positive, good working relationships with clients.

Mindy Craig as the authorized official, commits BluePoint to the proposal details provided here for a period of not less than 60 days from the proposal deadline. We look forward to discussing our approach and ideas with you. If you have any questions about the materials provided, please do not hesitate to contact Mindy at 510-847-3665 or via email at mindy@bluepointplanning.com.

Sincerely,

A handwritten signature in black ink that reads "Mindy Flynn Craig". The signature is written in a cursive, flowing style.

Mindy Flynn Craig, Principal

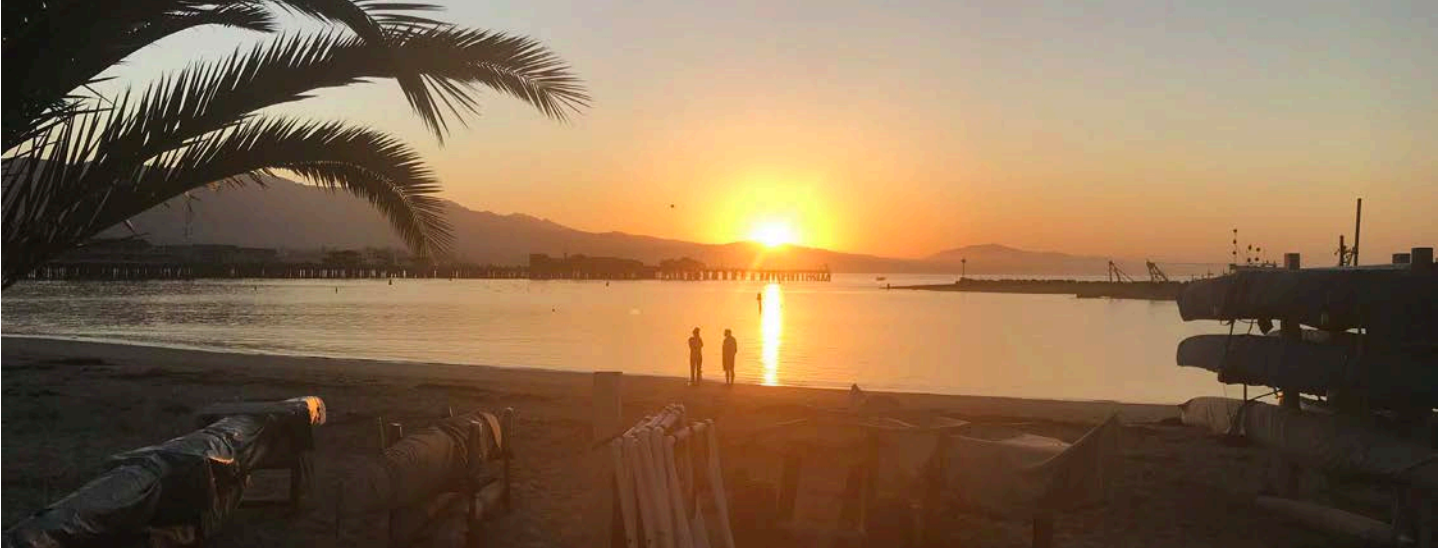
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A. Introduction

Introduction



The County of Santa Barbara is a leader in climate action, proactively working throughout the region to understand, partner, and tackle the complexities of reducing climate impacts from greenhouse gas emissions and protecting the community from current and future climate hazards and vulnerabilities.

We are pleased to provide the County with a **passionate and experienced team** designed to support this leadership and to help establish a model for adaptation planning for the near- and long-term needs of the community.

BluePoint Planning, a small, mission-driven planning, and engagement firm, is the project lead, overseeing the strategy, engagement and outreach program, and plan development in close partnership with **Rincon Consultants**, who will provide its deep experience in climate action and adaptation planning to the project. Together, we offer a streamlined and highly capable team that will offer the County a **fresh and focused approach to adaptation planning** that is designed to create a clear and feasible path to implementing real projects and policies to build a more resilient and equitable community.

To compliment our capabilities, we have established a bench of technical experts who can participate and help to expand our capabilities in coastal ecology, wildfire ecology, economics, and funding.

Experience and Technical Expertise

The BluePoint Team has been developed to specifically meet and exceed the RFP's objectives for the project. Below is a high level summary of the BluePoint Team's capabilities and approach to meet those objectives.

Action-oriented planning

The Team's guiding philosophy is to create tools, plans, and processes that are valuable and usable. This means digging deeply into what actually works, recognizing and adjusting to realities in the field, and connecting new ideas and strategies to approaches that will be implemented. BluePoint is currently working with the County of Santa Clara to develop a county-wide Nature Based Resilience Strategy and regional Climate Collaborative to spur and support informed decision making related to climate adaptation and mitigation. Mindy is the lead author of multiple regional and statewide planning and policy action plans including currently developing a statewide Zero Carbon Multifamily Buildings Action Plan for the CPUC. BluePoint has led the development of three Regional Energy Network business plans, including the central coast's 3C-REN's initial business plan.

BluePoint's work includes the development of the **Building Regional Resilience Toolkit**, the basis and precursor to the California Adaptation Planning Guide, and supports the need for creating more integrated,

Introduction

and actionable plans. The Toolkit is being actively used throughout the United States to help regional jurisdictions develop resilience plans that are also in alignment with the federal Local Hazard Mitigation Plan guidelines and California's General Plan Safety Element requirements. Mindy was the primary author of three of the five chapters, including engagement, funding, and monitoring, as well as primary editor and producer of the Toolkit.

BluePoint's close partner, Rincon Consultants is a premier climate adaptation and planning firm with deep experience with state and local regulations, best practices and technical planning tools to enable long term implementation success. Additional information about their expertise is provided in the body of the proposal.

Planning for Successful & Equitable Stakeholder Engagement

BluePoint Planning is an expert in inclusive, equitable, and meaningful engagement processes. This ensures that our planning and policy work is centered in equity. This includes how to reach and welcome disadvantaged and frontline communities into a process, how to ensure access, especially if digital access, poor WiFi, or other elements are barriers. We will leverage the International Association of Public Participation (IAP2) Framework for successful and equitable engagement, as illustrated in the adjacent graphic.




The BluePoint Team provides years of project experience leading multi-jurisdictional, diverse stakeholder processes to inform and support technical planning efforts. BluePoint with Mindy as a lead, has led stakeholder and community engagement programs for climate mitigation, adaptation and resilience for the Town of Windsor, County of Santa Clara's Climate Action Plan, the County of Santa Barbara's Climate Action Plan, the City of Santa Cruz's Climate Action Plan, and the Counties of Fresno and Madera's Sustainable Corridors Plan to name a few.



BluePoint led Adaptation Financing and Funding Workshop for the Building Resilience Toolkit, Santa Barbara County

Introduction

	Populations	Infrastructure	Buildings & Facilities	Economic Drivers	Ecosystems & Natural Systems	Critical Services
Climate Change Vulnerability Assessment	■	■	■	■	■	■
2030 Climate Action Plan	■	■	■	■	■	
Active Transportation Plan	■	■				
Central Coast Community Energy Enrollment		■	■			■
Environmental Justice Element	■	■	■	■	■	■
Natural and Working Lands GHG Inventory					■	

BluePoint in partnership with Rincon has elevated equity in several of these efforts by helping clients to **develop equity screening tools** to integrate community values, with a focus on critical elements of equity such as affordability, access, and accountability within the plan measures and actions. We see the opportunity to build this into the Santa Barbara County Adaptation Plan.

Project Understanding

Since the beginning of 2020, the County has initiated multiple planning processes to inform and direct its climate efforts, all under the auspices of the **One Climate initiative**. One Climate includes the Climate Action Plan being led by Rincon with BluePoint, the Climate Change Vulnerability Assessment, the Active Transportation Plan, Central Coast Community Energy Enrollment, Environmental Justice Element, and Natural and Working Lands GHG Inventory (which is also being led by Rincon). The Climate Adaptation Plan is one of the final plan elements for the County to complete in coordination with the development of its Housing Element and Safety Element.

Individually, these planning efforts are important. When taken together, they offer the County **an unprecedented opportunity to align and catalyze climate action** while ensuring that the implementation of these efforts is equitable and leads to a future-proof community. The table above shows how each One Climate initiative plays a role in increasing the County's adaptive capacity for each of the County's assets.

Many adaptation plans include long lists of unprioritized strategies that inform incremental change. It is critical that this Adaptation Plan **unlocks the opportunities to address climate impacts with focused, actionable, and prioritized strategies** that will reduce harm and costs now, and in the long-term. The Climate Adaptation Plan will be key to aligning strategies that are already being developed as part of One Climate initiatives and integrating them with adaptation to work towards a cohesive plan.

Introduction

Integrated Approach

Our approach, in partnership with the County, will be to **lead the community and key stakeholders through a fully integrated planning process** to identify the greatest vulnerabilities and the critical priorities and map out a path to address them. The CCVA considers the vulnerabilities based on independent asset classes – we will assist the County and stakeholders to look at the interconnections between assets, particularly related to people and geography, to establish a focus and purpose for each proposed adaptation action. At the center of this approach is recognizing that **climate impacts will not affect everyone equally** and that the planning must be centered in equity to ensure that the outcomes and priorities ensure that the most vulnerable in the community are assisted first. BluePoint and Rincon have worked together to help communities develop equity guardrails to establish an equity process that is both meaningful and methodical.

The **overview process graphic on page A.5** illustrates how we envision integrating the development of the key deliverables with the community outreach and engagement activities. Our perspective is that you cannot create a well developed plan independent from the engagement process.

To that end, we illustrate **deliverables and engagement in a linked process** that enables each product to be influenced by the County Core team, stakeholders, and the community. We recognize that stakeholder engagement is only valuable if the technical information is presented in a clear and accessible manner that offers feedback loops for input.

In the graphic, the project is divided into four phases and arrayed along three rows. The first phase is **Alignment and Focus** to create a solid foundation of information and clarity about the process, and objectives and goals of the effort. The second phase is the **Problem Statements** development where much of the deep analysis will be conducted. Phase 3 is **Strategies and Priorities** and an iterative engagement process to flesh out the bulk of the plan. The final phase is **Plan Development and Adoption**. This phase may be

adjusted based on additional tasks and grant funding.

The top of the graphic shows the ongoing consultation with the **Long Range Planning project team** where we will ensure that each step is well considered, in line with the overall project goals, and moves effectively.

The second row shows the **planning tasks** from completing a review and assessment of current activities and plans, to the development of the Gaps and Needs Assessment and problem statements to the final adoption of the Adaptation Plan.

The final row illustrates the **community engagement and outreach** activities that will inform the planning. These are staggered so that each “Engagement Round” considers draft materials and information created by the Project Team and then informs the development of the final deliverable.

In the following pages, we have detailed our approach and understanding of the RFP and the tasks to achieve these objectives and the County’s goals.

Special Considerations

As a small company, BluePoint prides itself on offering clients the **highest level of customer service and creating plans and processes that are designed specifically for their needs and goals**. To that end, we have offered an approach that has some deviations from the RFP in order to meet the County’s budget and to ensure that the process achieves the goals desired. Our initial proposal is to complete the Plan within 18 months. This would be adjusted based on any add on tasks. Overall, we will offer flexibility and adaptability in making sure the scope, budget, and schedule is addressed as required by the County.

Project Schedule

The following page is a preliminary schedule for the outlined scope. We recognize that if additional grant funds are secured, this schedule will be expanded. We will use this schedule as a project management tool and will update it as necessary to reflect the correct schedule based on meetings, etc.

Introduction



Santa Barbara County Climate Change Adaptation Plan & Outreach



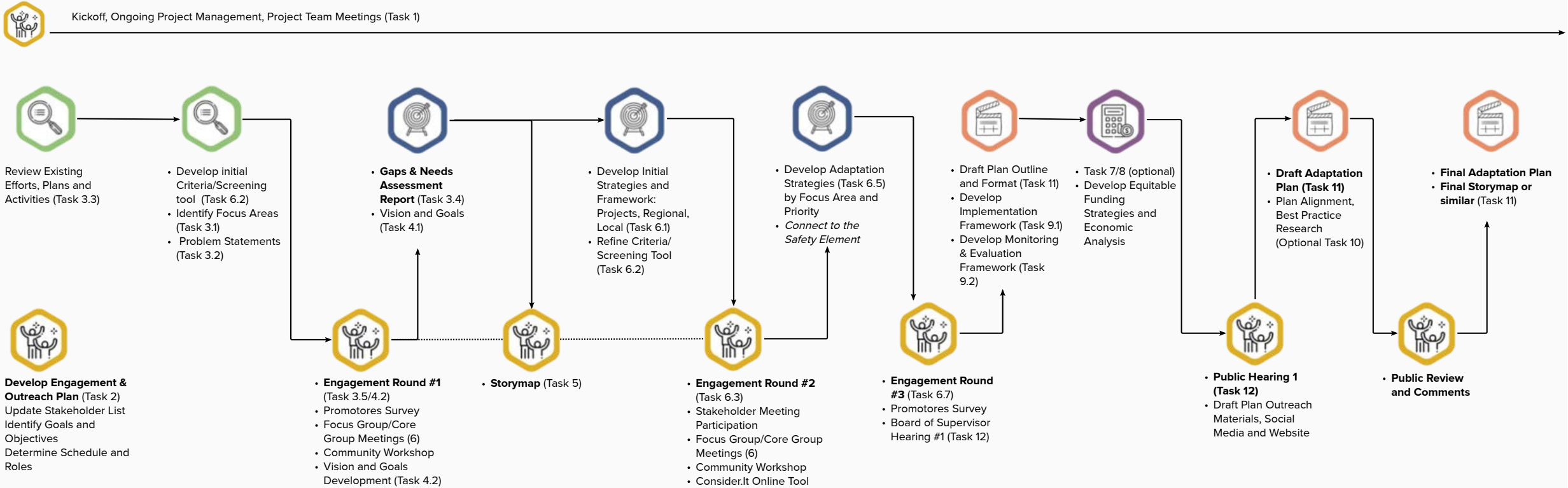
Phase 1. Alignment & Focus

Phase 2. Problem Statements

Phase 3. Strategies & Priorities

Phase 4. Plan Development & Adoption

Month 1 Month 2 Month 3 Month 4 Month 5 Month 6 Month 7 Month 8 Month 9 Month 10 Month 11 Month 12 Month 13 Month 14 Month 15 Month 16 Month 17 Month 18





B. Qualifications

Qualifications



Central Coast Climate Collaborative (4C) convening for the Building Regional Resilience Toolkit Forum



About BluePoint Planning

BluePoint Planning is a mission-driven consulting firm dedicated to doing impactful and meaningful work with local, regional, and state

governments and non-profit and private organizations.

Our name, "BluePoint" means doing blue-sky thinking and then focusing on what is most important. We specialize in complex and inclusive, multi-stakeholder processes, providing comprehensive planning services, supported by facilitative leadership, strategic communications, and strong client relationships.

Climate change is the greatest threat and challenge of our lifetimes. BluePoint Planning is dedicated to working with local, regional, and state governments, and organizations to advocate for innovative solutions, embed equity, provide holistic thinking, and partner to better achieve effective climate action.

BluePoint develops plans based on a strong foundation of quantifiable data, stakeholder input, and client goals and needs. BluePoint emphasizes creating implementable and actionable plans and provides assistance in feasibility assessments, capacity building, and ongoing process management. An important strength that BluePoint offers clients is the ability to translate strategies, plans and actions into clear and effective communications tools both to internal groups and the broader community.

BluePoint Corporate Information

BluePoint Planning is a certified small, women-owned California S-Corporation located in Berkeley, Alameda County, founded in August 1, 2011.

Tax ID

45-452483884

Contact

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Digital Work Samples

To see work samples, please go to our website at:
<https://www.bluepointplanning.com/deliverables>

Climate, Energy, & Resilience

Creating viable solutions to climate change requires pushing boundaries, enabling innovative solutions, and building political and social will. BluePoint assists clients to take a holistic and strategic approach to manage the complex systems needed to scale up meaningful climate action. Each project is a new opportunity to transform how organizations and clients operate and create a pathway to address the climate crisis.

Qualifications

Equity & Engagement

Equity must be a central focus of planning processes, informing decisions about the form, content, engagement, and implementation. BluePoint assists clients to think more clearly about what equity means for their organization and initiatives and helps to develop the tools to embed and operationalize equity. This includes equity screening and integration tools and resources for operations and plans.

Regional Collaboration

Working at the regional scale, BluePoint supports clients' ability to collaborate and align decision-making, policy implementation, and program development across jurisdictions. We help facilitate strong partnerships with government, philanthropy, private sector, and local communities and develop regional-scale plans and strategies to enable action.

Relevant Climate and Sustainability Planning Experience

- Building Regional Resilience Toolkit and Engagement, FEMA/EPA, California/US
- County of Santa Clara Nature-Based Resilience Strategy and Collaborative
- Moffett Park Sustainability Infrastructure Strategy and Action Plan
- Windler District Sustainability Consulting and Strategy Development, Colorado
- San Bernardino Valley Water District Climate Action and Resilience Plan Engagement, San Bernardino County, CA
- Resilient Together, PG&E's Bay Area Climate Vulnerability Plan Engagement for Climate-Vulnerable Communities, Bay Area, CA
- A Guide to Energy Master Planning of High-Performance Districts and Communities, National, DOE/NREL
- City of Palo Alto Utilities Resilience Framework and Advisory Commission Engagement, Palo Alto, California
- Corte Madera Climate Adaptation Planning Outreach and Strategy, Corte Madera, CA
- Town of Windsor READY Resilience and Adaptation Plan, Windsor, CA
- Santa Barbara County Climate Action Plan, Strategy and Outreach, CA
- Santa Clara County Climate Action Plan, Stakeholder Mapping and Outreach, CA
- Resilient Santa Cruz: Westside Drive and Local Coastal Plan Outreach and Planning Consultation, Santa Cruz, CA
- Santa Cruz Climate Action Plan Strategy, Engagement and Outreach, CA
- New Residential Zero Net Action Plan and Vision Framework, California Public Utilities Commission (CPUC), California
- Commercial Buildings ZNE Action Plan, CPUC, California
- Statewide Zero Carbon Multifamily Action Plan, CPUC
- Sonoma County Regional Climate Protection Authority Strategic Plan, CA
- Sonoma County Regional Transportation Authority Goal Setting, Sonoma County, CA
- BayREN Strategic Communications, Business Planning, and Branding, Bay Area, California
- Inland Empire Regional Energy Network Business Plan Development, San Bernardino and Riverside Counties, CA
- City College of San Francisco Facilities Visioning and Resilience and Sustainability Planning, San Francisco, California
- Peralta Community College District Sustainability Master Plan, Oakland, CA
- 3C-REN Business Plan Development and Support, Santa Barbara, Ventura and San Luis Obispo Counties, California
- Urban Sustainability Director Network (USDN) Zero Net Energy Retreat Facilitation, Palo Alto, California
- Energy Upgrade California, Home Upgrade Program Working Group facilitation and policy development, Statewide
- County of Mendocino Parks Assessment and Operational Analysis

Qualifications



About Rincon Consultants, Inc.

Rincon Consultants, Inc. (Rincon) is a multi-disciplinary environmental science, planning, and engineering consulting firm that provides professional services to both government and industry. Our skilled professionals have many years of experience in climate adaptation planning; climate vulnerability assessment; California Environmental Quality Act (CEQA) compliance and streamlining; natural resource management and conservation, agency collaboration; and public engagement related to these services. Our approach focuses on well-designed solutions that respond to our clients' specific needs in a cost-effective manner.

We have over 26 years of experience preparing long-range planning documents in various types of ecological, land use, and socioeconomic settings. Our mission is to provide our clients with high-level professional expertise, leveraging our local experience and diverse team of experts to create a plan that is contextual and implementable and meets the requirements and needs of the community.

Rincon's corporate culture focuses on providing environmental consulting services in a manner that is beneficial to both the environment and community, and our client's needs. We regard ourselves as an extension of our client's team and function with their best interests in mind. By managing each project with a focus on three primary objectives—economic efficiency, technical excellence, and sustainable approach—we can provide superior service that efficiently and effectively meets the needs of our clients.

Climate Adaptation Plans, Vulnerability Assessments and Safety Elements

Rincon prepares cutting edge climate vulnerability assessments and develops effective adaptation and resilience plans at local, district, and regional scales either as stand-alone documents or as part of Climate Action and Adaptation Plans, Local Coastal Programs,

General Plans, and Local Hazard Mitigation Plans. The following map and table show Rincon's climate adaptation planning experience throughout the state. In Santa Barbara County, Rincon is currently working with the cities of Santa Maria, Lompoc and Solvang to prepare climate adaptation policies and programs as part of their General Plan updates. Rincon also has experience working at the County-scale, currently assisting Calaveras County, Fresno County, San Mateo County, Stanislaus County, and Trinity County with preparation of adaptation strategies.

Agencies that Rincon has Assisted on Climate Adaptation and Resilience Planning

- Calaveras County & Angels Camp City Wildfire-related GHG Inventory and Adaptation Strategies
- City of Calabasas General Plan Update + Wildfire and Evacuation Assessments
- City of Carmel Adaptation Strategy
- City of Cupertino Adaptation Strategy
- City of Pajaro Valley Water Management Agency Local Hazard Mitigation Plan
- Greater Placerville Wildfire Evacuation preparedness, Community Safety, and Resiliency Plan

Rincon Corporate Information

Rincon Consultants, Inc. is a California Subchapter S corporation, founded on December 5, 1994 in Ventura, California. The company is currently composed of 260+ staff members in 13 California offices (Santa Barbara, San Luis Obispo, Ventura, Los Angeles, Riverside, Redlands, Carlsbad, San Diego, Fresno, Monterey, Santa Cruz, Oakland, and Sacramento) who are overseen by a seven-member Board of Directors. There are 21 active Principals of the firm, expanded from the four original owners.

The company has a limited stock ownership program that is available to select employees in addition to the Principals, bringing the total number of shareholders to 26.

Qualifications

- Nevada County Extreme Climate Event Mobility/ Adaptation Plan
- San Bernardino Water Valley Authority Climate Adaptation and Resilience Plan (CARP)
- Agencies that Rincon has Assisted on Climate Change Vulnerability Assessments
- Fresno County Climate Vulnerability Assessment
- San Mateo County Climate Vulnerability Assessment
- Stanislaus County Climate Vulnerability Assessment
- Trinity County Vulnerability Assessment
- City of Avalon General Plan Update + Local Coastal Plan
- City of Beverly Hills Climate Vulnerability Assessment
- City of Burbank Climate Vulnerability Assessment
- City of Carlsbad Vulnerability Assessment
- City of Hayward Climate Vulnerability Assessment
- City of La Cañada Flintridge Climate Vulnerability Assessment
- City of Livermore Climate Vulnerability Assessment
- City of Monterey Park Climate Vulnerability Assessment
- City of Nevada City Climate Vulnerability Assessment
- City of Ojai Climate Vulnerability Assessment
- City of Oxnard Local Coastal Plan Update, Climate Vulnerability Assessment, + Sea Level Rise Adaptation Strategy Report
- City of Pasadena Climate Vulnerability Assessment
- City of Port Hueneme General Plan Update + Local Coastal Plan
- City of Rolling Hills Climate Vulnerability Assessment
- City of San Leandro Climate Vulnerability Assessment
- City of Santa Barbara (Yanonali St.) Sea Level Rise Assessment
- City of Simi Valley Climate Vulnerability Assessment

- City of South Pasadena Climate Vulnerability Assessment
- City of Ventura Climate Vulnerability Assessment
- City of Walnut Climate Vulnerability Assessment

Agencies that Rincon has Developed Resilience Policies as part of Safety Element Updates

- Fresno County Safety Element
- Madera County Safety Element
- Stanislaus County Safety Element
- Trinity County Safety Element
- City of American Canyon Safety Element
- City of Bakersfield Safety Element
- City of Beaumont Safety Element
- City of Brea Safety Element
- City of Burbank Safety Element
- City of Carlsbad Safety Element
- City of Claremont Safety Element
- City of Duarte Safety Element
- City of Hayward Safety Element
- City of Lompoc Safety Element
- City of Monterey Park Safety Element
- City of Nevada City Safety Element
- City of Ojai Safety Element
- City of Palmdale Safety Element
- City of Rolling Hills Safety Element
- City of San Fernando Safety Element
- City of Sierra Madre Safety Element
- City of Simi Valley Safety Element
- City of Thousand Oaks Safety Element
- City of Ventura Safety Element
- City of Palo Alto Safety Element
- City of Port Hueneme Safety Element
- City of San Leandro Safety Element
- City of San Ramon Safety Element
- City of Santa Maria Safety Element
- City of Solvang Safety Element

1 Received Award of Excellence from the APACA Central Coast & Award of Merit from AEP

Qualifications



About Integral

Integral is a premier environmental science and engineering firm known for delivering

strategies and insights that help our clients move forward in an evolving world. With 17 office locations across the country, including offices in Santa Cruz, San Francisco, and Santa Rosa, California, we provide expertise across all ocean disciplines (physical, chemical, biological, geological, and engineering). We have extensive experience in oceanographic and engineering studies, model development in a wide range of environments (coastal processes, ocean, estuarine, upland watersheds, fluvial, and groundwater), spatial mapping, and advanced data management. The Marine Science and Engineering Division of Integral has decades of experience in coastal resiliency through the restoration of sandy beach, coastal cliff, and built coastal environments, as well as the remediation and restoration of contaminated sites. Our coastal resiliency practice at Integral is a merge with Revell Coastal, which combines decades of coastal hazard and climate change vulnerability assessment with engineers and coastal modelers to expand the technical capacity and capabilities in vulnerability assessments and adaptation planning.

Established in 2002, Integral serves clients in a wide range of public and private sectors and is legally authorized to do business in California (S-Corp, Federal Tax ID # 48-1266683).

We have a long history of working with cities, counties, publicly owned utilities, and state and federal agencies throughout the United States to find solutions on a broad array of environmental challenges. Below are just a few examples of our areas of expertise:

Coastal Vulnerability and Risk Assessment

Coastal communities and facilities along our nation's coastline are perpetually at risk due to a complex interplay of processes that drive coastal change. Integral is a leader in developing cutting-edge

approaches to assess vulnerability and risk. Our approach carefully identifies vulnerabilities of various infrastructure components or resources stemming from exposure to different physical processes and coastal hazards related to critical location and elevation details.

Coastal Hazard Adaptation

Integral is a preeminent innovator in applying holistic approaches to guide communities and facilities through the complex process of adaptation planning for the inevitable impacts of sea level rise on property, infrastructure, and critical ecosystems. Our customizable decision-support framework toolkit, Coastal ADAPT (Adaptation Decision and Planning Toolkit) is implemented in phases, first providing the critical baseline information for selecting appropriate adaptation strategies, and then modeling implementation to evaluate secondary impacts and provide probabilities of adaptation success.

Coastal and Natural Resource Economics

Integral's economic team has experience in the design and use of novel planning controls and funding arrangements for the financing of high-cost engineering interventions, including quantification of benefit shares between stakeholder groups. This includes calculating appropriate special levy or rating structures for improvement districts, and ensuring that any proposed funding mechanism is based on sound economic principles, incorporates consideration of equity, and is legally enforceable. The team also has experience in identification and quantification of non-traditional funding options that could potentially supplement traditional sources. These include value uplift capture taxes, cost-sharing between different benefited entities, bonds to allow for equity releases without triggering Proposition 13, and permit streamlining to incentivize risk-reducing property improvements such as elevating flood-prone properties. The team has extensive permitting experience within California, and an appreciation for the complexity of this process as it pertains to coastal management.

Qualifications

Building Regional Resilience Framework: Toolkit and Workbook

BluePoint Planning | FEMA/EPA, National | Project Dates January 2018 – 2019

Project Summary

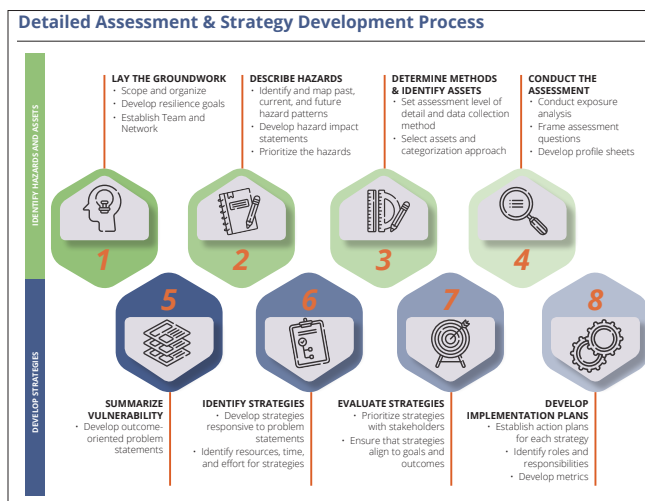
The Federal Emergency Management Agency (FEMA), U.S. Environmental Protection Agency (EPA), and the Metropolitan Transportation Commission (MTC) have partnered to create a Toolkit for Building Regional Resilience. The Toolkit is set up to allow multiple jurisdictions and levels of government to work together for regional scale actions. It is also designed for non-governmental partners and community groups to engage in a more inclusive and holistic process so that resilience actions are guided by core community values.

To develop the Toolkit, BluePoint Planning was contracted to re-envision the final product, rework the technical information developed by partners and develop a planning guide that could be used effectively by jurisdictions with varied knowledge and capacity to conduct adaptation planning.

Mindy led the editing of the Toolkit as well as developing the financing, monitoring and the engagement chapter. She significantly reworked the technical elements to be more accessible for a broad audience, as well as to ensure the materials were relevant to both California and national audiences.

To assist in vetting the information and refining the process, BluePoint designed and facilitated a series of regional two-day workshops, one in Siskiyou County for the Cities of Shasta, Dunsmuir, and Weed; one for the North Coast including San Luis Obispo County, Santa Barbara County, Ventura County, Santa Cruz County; and one in Santa Barbara County focused on financing and implementation.

The final toolkit was released mid-2019 and is currently being used as a national resource as well as the foundation for the California Adaptation Planning Guide. In addition to the overall planning guidance, the Toolkit includes fully interactive pdf worksheets for each step.



Assessment Process Graphic

The Framework for Building Regional Resilience provides:

- A coordinated process for meeting many different state and federal planning requirements.
- Communication and outreach guidance and resources for engaging a broad coalition of partners across a region.
- A detailed Toolkit for project teams who are conducting vulnerability assessments, creating strategies, writing required plans, and implementing projects.
- Communication Toolkit for Stakeholder and Technical Workshops
- A standalone simplified Workbook that can be used for an advisory group and to bring in decision makers and community leaders to guide the overall action plan and ensure its successful implementation.

Qualifications

Santa Barbara County Climate Action Plan

BluePoint Planning | County of Santa Barbara | Project Dates July 2020 - ongoing

Project Summary


BluePoint Planning, in partnership with Rincon Consultants, is helping the County of Santa Barbara to develop an innovative and comprehensive Countywide Climate Action Plan with inclusive and equitable outreach and engagement at the center of the effort. BluePoint is the lead for the engagement effort, coordinating closely with the County leads for the CAP as well as coordinating with the County's Vulnerability Assessment Plan and Active Transportation Plan Teams.

The effort has included creating a flexible and adaptable Activation Plan to guide community engagement, especially during COVID-19 when in-person engagement is often not possible. The BluePoint Team created multiple engagement channels to solicit input on visioning exercises, resulting in a County vision statement and goal that guided CAP development, and which also gathered community feedback to help shape CAP strategies. Mindy also assisted in facilitating the initial Equity Advisory and Outreach Committee meetings to gather input and help implement equitable outreach and engagement activities to community members.

Key Relevant Project Components

- Planning Strategy
- Vision, Values and Goals Development
- Community and Stakeholder Engagement
- Online Engagement Tools Development
- Equity Advisory Committee Facilitation and Strategy
- Strategic Communications





One County. One Future.

Plan de Acción Climática 2030

Sobre el plan

El Plan de Acción Climática (CAP, abreviado en inglés) 2030 busca reducir las emisiones de carbono de nuestros edificios, sistemas de transporte y economías en un 50% para 2030. El CAP mejorará la resiliencia de la comunidad, la equidad social y la calidad de vida a través de nuestras acciones: haciendo que caminar y andar en bicicleta sea más seguro, preservar y mejorar los espacios abiertos, hacer que los edificios sean más eficientes, mejorar la calidad del aire y mejorar la resiliencia energética.

¿Cómo puedes participar?

Los invitamos a participar en este esfuerzo. Sus ideas ayudarán a guiar la visión para el futuro de nuestro condado. Visite el sitio *One Climate* para obtener más información sobre el proyecto, identificar problemas en un mapa, suscribirse al boletín mensual y registrarse para los próximos eventos.


Para obtener más información, visite:
www.countyofsb.org/oneclimate

Cronograma y oportunidades de participación

Participe en el CAP 2030 u otros eventos de One Climate a través del sitio.

2020												2021											
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Evaluación de la vulnerabilidad al cambio climático												Plan de adaptación											
Plan de acción climática 2030												Inventario de gases de efecto invernadero de tierras naturales y de trabajo											
Plan de transporte activo												Inscripción en el programa de Central Coast Community Energy											
Territorio de PG&E												Territorio de SCE											

¡Participe!
Escanee con su teléfono



Qualifications

Santa Clara County Resilience Strategy & Regional Collaborative

BluePoint Planning | County of Santa Clara | Project Dates July 2020 - ongoing

Project Summary

BluePoint is leading a team of consultants to develop a National Fish and Wildlife grant funded Resiliency Strategy to help identify and assess resilience actions with a focus on meeting the needs of the most vulnerable coastal communities. In addition, BluePoint is helping the County develop, manage, and convene a new Climate Collaborative, a regional group of public agencies and community leaders focused on supporting and enhancing the County's climate resilience.

The Collaborative is a long-term entity that is shaping the County's Climate Roadmap 2030 and the Santa Clara County Resilience Strategy. The Collaborative is designed to build strong partnerships and promote alignment in climate related decision-making, policy implementation, and program development.

Through the Collaborative, there is a clear vision for a coordinated and equitable nature-based approach to resilience with the need for policy tools and technical assistance, capacity building to tackle resilience at different scales.

The Team is evaluating existing coastal and creek flooding projects, and urban ecology strategies to determine how they can be scaled across the region. The BluePoint Team is helping to develop an interactive Resilience Online Tool to inform decision makers and support their advocacy and implementation of nature based adaptation strategies.

BluePoint is assisting the County apply for another round of funding to continue to grow and expand the Resilience strategy as well as to establish an Equity Working Group for the Collaborative.

Key Relevant Project Components

- Resilience and Adaptation Strategy
- Vision and Goals Development
- Climate Collaborative
- Stakeholder Engagement
- Online Resilience Planning Tool

Online engagement exercise with Collaborative to evaluate and discuss opportunities for regional nature based adaptation strategies

Qualifications

Moffett Park Sustainable Infrastructure Strategy and Action Plan

BluePoint Planning | City of Sunnyvale | Project Dates December 2021 - ongoing

Project Summary

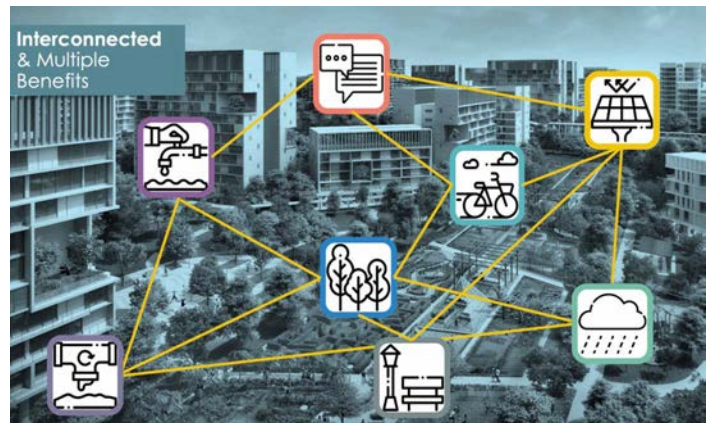
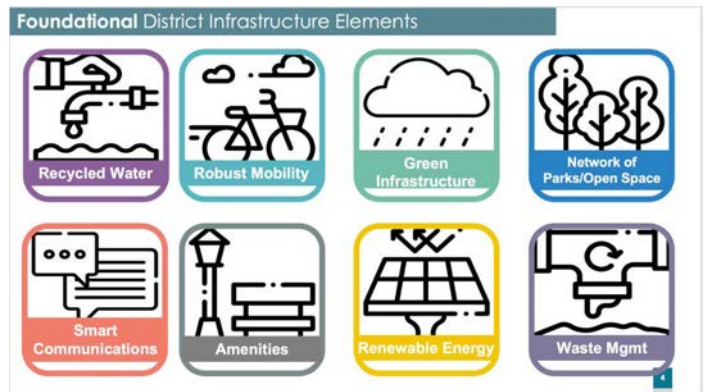
BluePoint is leading the development of an Infrastructure Strategy and Action Plan (ISAP) to inform the implementation of the Moffett Park Specific Plan in Sunnyvale. Moffett Park is a 1200 acre office park that will be transformed into a mixed use residential and business center that is envisioned to be a model of "ecological innovation." BluePoint is leading a multifaceted planning and engagement process with the City and stakeholders to help develop a clear approach to achieving the District's vision of "Moffett Park is an integral part of Sunnyvale, and a well-connected ecological innovation district with a diverse mix of uses that serves as a model of resilience, climate protection, equity and economic opportunity."

This ISAP is designed to optimize the opportunities to implement a district-scale approach, considering multiple issues including how to mitigate climate impacts - mitigation and adaptation - livability, feasibility of investments, and operating models for the long-term sustainability. The assessment and planning covers all major infrastructure systems including, energy, water, communications, waste, landscapes, parks, and mobility. The final ISAP will be a companion plan to the Specific Plan and will guide the City and partners to fund, operate and maintain the District.

The entire effort is informed by ongoing stakeholder engagement with property owners, and all city staff departments. Further BluePoint is working closely with the City to navigate the needs of the major property owner - Google - to ensure city needs are addressed and supports the long term city needs.

Key Relevant Project Components

- Action Plan and Strategy
- Climate Adaptation and Mitigation Analysis
- Engagement and Outreach Process
- Operations and Management Assessment and Implementation



How to implement and achieve vision?



Qualifications

Zero Carbon and Zero Net Energy Action Plans

California Public Utilities Commission | Project Dates 2013 - ongoing

Project Summary

BluePoint Planning has been working with the California Public Utilities Commission since 2013 to assist in planning, stakeholder engagement, and policy to address California's climate goals related to Residential and Commercial Buildings and the goal to make all new buildings zero net energy and now zero carbon. This effort has resulted in the development of three statewide plans available on the BluePoint Planning designed website: capath2zne.org. The Zero Carbon Multifamily Plan is in draft form and will be finalized in mid-2022.

Brief Description of Service Provided

District Scale and Commercial Zero Net Energy Action Plan

The District-Scale and Commercial ZNE Action Plan reflects a holistic and innovative approach to reducing carbon emissions in buildings and new developments by re-envisioning energy strategies at a district-scale. The Plan integrates grid-friendly strategies and overall carbon reductions to address climate change and to build resilience. An important element of the plan is how it addresses all of the systems related to a development including, water, mobility, and other infrastructure, quality of life, and more.

The project included a web-enabled tool for stakeholders to encourage better informed discussions and decision-making related to how a project may achieve zero net energy and critical goals related to resilience, equity, and sustainability. The Tool and draft plan is available online at capath2zne.org.

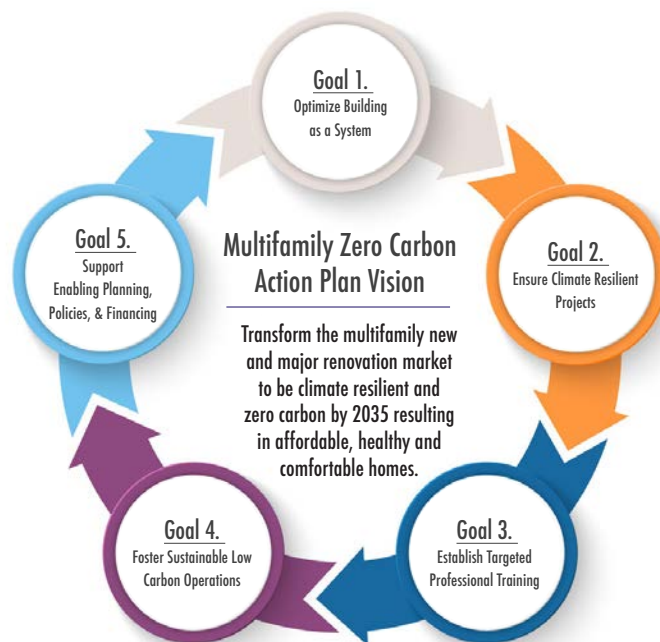
Multifamily Zero Carbon Action Plan

The Multifamily Zero Carbon Action Plan (MZCAP) seeks to push California building energy efficiency levels to the lowest level possible for new and renovated multifamily buildings. The MZCAP aims to spur the creation of multifamily projects that are climate resilient, affordable, and provide a durable sanctuary for residents during a loss of power or extreme weather

event. Energy efficiency alone is not sufficient to meet the increased urgency of climate change, equity, and adaptation; multifamily developments require a substantial overhaul to a holistic and integrated design approach that considers the entire building and site as a system.

New Residential Zero Net Energy Action Plan

Mindy Craig led the plan development and writing, stakeholder engagement, and facilitation. Ms. Craig worked closely with technical sub consultants provided by the CPUC. BluePoint planned, managed, and facilitated multiple stakeholder workshops, home builder networking sessions and an open house, initiated and managed outreach statewide, conducted an online survey, held numerous subcommittee meetings, developed a Strategic Vision Framework, developed background assessments of the marketplace, and designed and launched a stakeholder website. The final Plan was approved in December 2014 and in 2018 the California Energy Commission adopted new building codes to implement the major goal within the plan to incorporate ZNE.



Qualifications

City of Palo Alto Utilities (CPAU) Resilience Framework and Advisory Committee Engagement

BluePoint Planning | Palo Alto Utilities, Palo Alto, CA | Project Dates June 2018 - 2020

Project Summary

The City of Palo Alto contracted BluePoint Planning to help design, manage, and facilitate a process with its Utility Advisory Committee (UAC) to create a strategic framework for increasing resilience in the Utility and throughout the City. The Utility manages five major services for the city, electricity, gas, sewer, water, and commercial communications.

BluePoint worked closely with the Utility Staff to develop a comprehensive effort to engage the community and the utilities advisory committee to establish community goals, define a role and actions for the utility related to resilience, and to establish and implementation timeline for achieving those actions. BluePoint conducted two large community workshops to developed the initial and final Resilience Framework. The workshops featured panels of experts on various types of resilience issues, such as microgrids and regional emergency management, as well as a separate staff panel to discuss specific issues unique to Palo Alto.

The center-piece of the workshops were facilitated interactive discussions with exercises to help participants understand the issues, potential series of solutions, and then develop priorities specific to the utility operations.

BluePoint helped to translate complex utility projects and policies into materials easily understood by the community. (See adjacent slide image)

Key Relevant Project Components

- Resilience and Adaptation Strategy
- Community Engagement



Mindy recording the community resilience conversation



Interactive Exercise on Community Resilience

Projects to Support Goal 1

Project	Costs	Timeframe
Community Outreach	\$	Ongoing
Finalize Outage Restoration Plan and Outage Block Plan	☺	1-5 yrs
Mobile Services	\$\$	1-5 yrs
Wildfire & Vegetation Management	\$	1-5 yrs
Prioritize Communications	\$\$	1-5 yrs
Building Electrification	\$\$\$	3-10 yrs
Upgrade City's backup generators to run independently from grid	\$\$\$	3-10 yrs
Micro/mini grids	\$-\$\$\$\$	3-10 yrs
Expand Recycled Water (distribution and/or potable use)	\$\$\$-\$\$\$\$	Long Term



Qualifications

City of Santa Cruz Resilient Coast Outreach and Engagement

BluePoint Planning | City of Santa Cruz | Project Dates 2019-2020

Project Summary

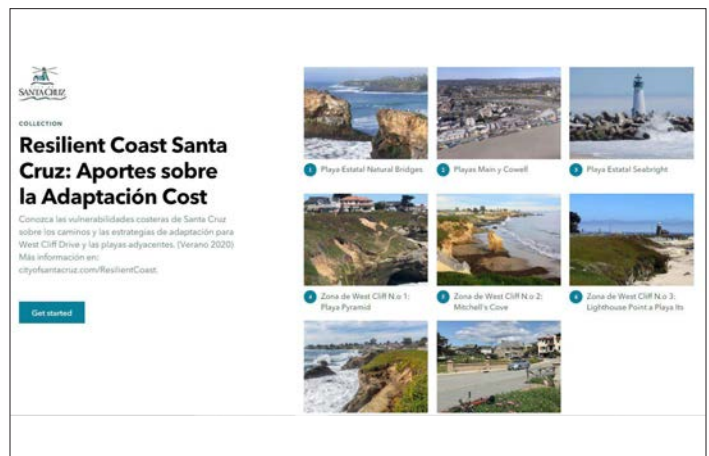
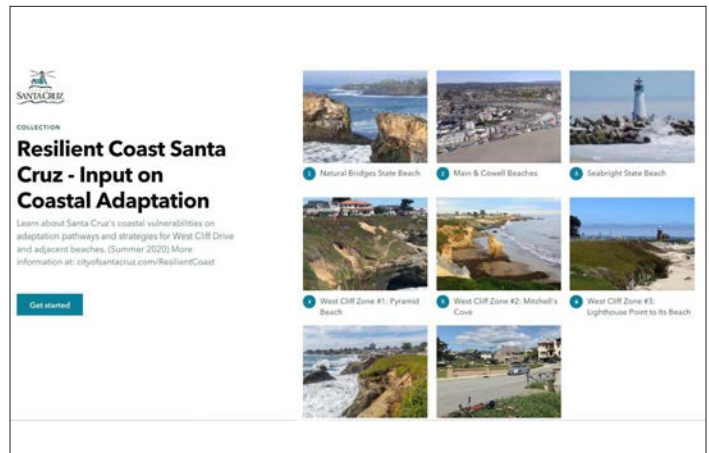
BluePoint Planning recently completed working with the City of Santa Cruz as the lead for Resilient Coast Outreach and Engagement technical consultant team preparing the West Cliff Drive Adaptation and Management Plan.

Mindy Craig provided facilitation, outreach planning, overall review and development of community engagement efforts and strategy support. She also provided feedback on the Adaption Plan to ensure the Plan helps to meet the City's goals, is feasible, and provides the range of engagement opportunities and insights to support a vibrant and successful plan. The project included engaging residents, businesses and tourists of the area. West Cliff Drive, it's a multi-modal path, includes parking areas, underlying utilities, parklands, beach access and is threatened by sea level rise.

The project will allow the City to address long-term management of climate change impacts as well as eliminating the need to require emergency permits from the Coastal Commission.

BluePoint worked closely with the city to develop innovative tools such as using ARCGIS storymaps to reach the community during the pandemic, and provide materials that were accessible to all stakeholders equitably.

BluePoint Planning in partnership with Rincon Consultants is the lead on the equitable and inclusive community and stakeholder engagement process for the City's Climate Action Plan.



Storymaps for sharing information and receiving feedback

Qualifications

Land Based Carbon and Community Inventory & 2030 Climate Action Plan

Rincon & BluePoint Planning | County of Santa Barbara | Project Dates May 2020 - Ongoing

Rincon, in partnership with BluePoint Planning, is preparing a Community and Natural and Working Lands Climate Action Plan for Santa Barbara County (County). The Climate Action Plan includes estimates of carbon stock, carbon stock changes, and resulting GHG flux in the landscape. These stock changes result from disturbances, both human-induced (e.g., conversion of natural lands to development) and natural or climate-induced (e.g., wildfire). Together, the carbon inventories and baseline reference projections are important for tracking how disturbances affect carbon stocks and GHG emissions, thereby informing how the County's land base contributes to local and State carbon goals. The baseline projections are used to represent the business-as-usual condition for the County and can be used as a benchmark, against which management activities designed to increase carbon

stocks can be assessed in the future. Rincon is utilizing the TerraCount tool, which requires both carbon inventories, the baseline reference scenario, complementary benefits assessment, and the selection of land management activities. Rincon worked with the Bren School of Environmental Science and Management, University of California Santa Barbara (UCSB) to complete extensive research and reached out to experts in the respective fields to ensure the incorporation of the information found is appropriate and the methodology to calculate GHG emissions is accurate.

The Climate Action Plan will facilitate the reduction of GHG emissions in a way that helps improve the public health and economy of the County through partnerships with the community providing resources for a more sustainable and equitable community.

Natural & Working Lands Carbon Inventory & Wildfire Adaptation Strategies

Rincon | Calaveras Council of Governments | Project Dates September 2020 - Ongoing

Rincon is currently completing a collaborative work effort with the Sierra Business Council, Calaveras COG, and Calaveras County to assess wildfire risk, quantify carbon sequestered in both vegetation and soils, and improve our understanding of the interrelationships between wildfires, carbon loss, and climate adaptation and resilience measures.

Rincon offers both climate mitigation and adaptation services and is working with communities across the state on minimizing wildfire risk in the wildland urban interface (WUI). We will be bringing our experience across this suite of services to improve Calaveras County's understanding of their climate vulnerabilities and implications of wildfires in meeting state and local greenhouse gas (GHG) reduction targets.

The amount of carbon that is released from wildfires will be assessed based on the recently issued California Air Resources Board "Report on Greenhouse Gas

Emissions of Contemporary Wildfire, Prescribed Fire, and Forest Management Activities." This report is one of the first of its kind and will be leveraged to analyze the carbon impacts related to wildfire across California.

Reducing the risk and impact of wildfires will require an array of forest management and public outreach and education projects and land use changes, particularly in the WUI. By quantifying carbon loss associated with wildfires, we are providing Calaveras County with a significant competitive advantage in securing funding for climate adaptation projects from the California Climate Investments, a multi-billion-dollar cap and trade investment program focused on reducing GHG emissions. Tying quantifiable emissions reduction to climate adaptation projects substantially increases the availability of funding because of the State's emphasis on meeting GHG emission targets.

Qualifications

County of Santa Cruz, Climate Action and Adaptation Plan

Rincon | County of Santa Cruz | Project Dates April 2022 - Ongoing

Rincon is working with the County of Santa Cruz to create an online version of a Climate Action and Adaptation Plan (CAAP), with a focus on near-term strategy development. The CAAP involves preparation of a vulnerability assessment which will detail anticipated climate impacts, including increases in temperature, more intense and frequent heat waves, more intense and frequent droughts, higher frequency of catastrophic floods, and more severe and frequent wildfires. The Rincon team will also develop priority adaptation measures for assets and communities that have the highest risk to climate change. Rincon will help the County develop measures that the County is directly responsible for implementing, as well as regional strategies that involve coordination across multiple stakeholders. Adaptation measures will address gaps associated with existing plans and ongoing related planning efforts. The CAAP will also include a greenhouse gas emissions consistency analysis, GHG forecasting, and near-term emission reduction measures.

The CAAP mitigation and adaptation measures will be evaluated against a set of equity guardrails to ensure actions do not present undue burdens on Santa Cruz's most vulnerable populations, avoid displacement, and promote equitable access to economic, health, and safety benefits.

The CAAP will be hosted online, as an interactive ArcGIS StoryMap that will allow for convenient navigation of analysis, interactive maps, and tables, along with embedded surveys and videos. An online CAAP will allow County staff and other users to quickly locate relevant information by cross-referencing links to definitions, goals, policies, and implementation programs and measures. The ArcGIS StoryMap will be a true "living document" that can be refined regularly to reflect changing conditions and be easily updated based on the County's needs. This format will also provide greater opportunities to track and share the progress of certain implementation measures over time.

Qualifications

Integral Project Experience

Adaptation Planning (A)

Outreach and Engagement (O)

(A, O) Goleta Beach Erosion Projects, County of Santa Barbara, California

Assisting the County of Santa Barbara in multiple stakeholder processes and technical studies related to the substantial erosion to Goleta Beach County Park catalyzed by the 1997–1998 El Niño erosion wave. Studies have included peer-reviewed scientific research and technical studies on various adaptation strategies with several alternative park reconfigurations and managed retreat options. These studies have included scientific and technical input on Goleta Beach 1.0, 2.0 as well as substantial contribution to various environmental assessments. Dr. Revell also provided peer-review of other technical modeling and led a technical team to conduct wave run-up and climate change modeling to support the Environmental Impact Report on a managed retreat strategy. Throughout the various processes, Integral has presented research results to various stakeholder groups including the County Parks, Flood Control as well as the Goleta Slough Management Committee.

(A, O) County of Santa Barbara Coastal Resiliency: Phases 1 and 2

Working for the Long range Development Program, with funding from the California Coastal Commission, the Coastal Commission, and the Ocean Protection Council, Integral Staff (led by Dr. Revell, modeled and projected coastal hazards exacerbated by sea level rise across the County coast at a scale suitable for planning purposes. Work also included substantial collaboration and technical input on the County coastal hazard vulnerability assessment including identifying next steps. Some of the modeling evaluated future hazard extents that considered existing armoring structures and without. The intent of this was to help inform coastal adaptation strategies at a future date. Deliverables included projected future coastal hazards, which include a new integrated approach of stepping

through time eroding the coast and flooding newly eroded areas through hydraulic connectivity.

(A, O) West Cliff Drive Adaptation and Management Plan, City of Santa Cruz

Working for the City of Santa Cruz, Integral's Dr. Revell led a diverse team of geologists, engineers, economists, ecologists, and transportation planners to develop a neighborhood scale/transportation corridor adaptation plan along iconic West Cliff Drive in Santa Cruz, balancing coastal erosion, transportation, recreation, and community visioning. Specific work tasks included hazard modeling, local coastal program policy development, and social vulnerability, and economic and engineering analyses. A substantial public outreach included a technical advisory committee, focus groups, and other stakeholders to identify different community adaptation visions to be evaluated by all disciplines to identify the most effective adaptation pathways through time and to develop land use policies to integrate into local coastal and city planning documents. Development of a probabilistic economic model provided forecasts to identify how likely and over which time period, certain adaptation approaches would be more cost effective than the business as usual approach. Funding for the project was from a Caltrans Sustainable Communities grant award to the City of Santa Cruz.

(A, O) Coastal Resiliency Project, County of Ventura

Integral personnel, working for the County of Ventura, conducted a vulnerability and fiscal impact study to support adaptation planning and local coastal plan policy updates as part of the Ventura County Resilient initiative. This project included data analysis, additional hazard modeling to round out data gaps in the CoSMoS 3.0 and Coastal Resilience hazard modeling, integration with the economic team, and public outreach and communication. Adaptation planning prioritized natural infrastructure approaches including development of a dune restoration and management plan, sand retention with cobble groins, and sediment management to improve coastal recreation and reduce engineering and

Qualifications

maintenance costs. The adaptation pathways identified in the study are being incorporated into Local Coastal Plan (LCP) updates presently. This project was awarded the Best Practices in Adaptation Merit Award from the California Chapter of APA in 2020.

(A, O) Local Coastal Program and General Plan Update, Carpinteria, California

Integral worked with a teaming partner to update the City of Carpinteria LCP and General Plan. Specific tasks included conducting vulnerability and fiscal impact studies and working with the city and steering committee to incorporate the findings into policy. This project has included data analysis, evaluation, and interpretation of various Coastal Hazard model outputs (CoSMoS 3.0 and Coastal Resilience), and public outreach and communication.

(A, O) Local Coastal Update for Sea Level Rise, Oxnard, California

Working for the City of Oxnard, Integral advised a Rincon led consulting team on a vulnerability study, economic analysis and adaptation plan in support of the LCP update. Tasks included data analysis, additional adaptation modeling, integration with the economic team, and public outreach and communication.

(A, O) Incorporation of Climate Change into the Local Coastal Program, Goleta, California — Integral worked for the City of Goleta to update its LCP policies to include climate change impacts consistent with the California Coastal Commission guidance on sea level rise. The team conducted a vulnerability assessment, completed a coauthored fiscal impact section, identified and evaluated adaptation strategies to provide policy recommendations, and drafted sections of the LCP related to coastal hazards.

(A) Byron Bay Embayment Economic Analysis, Byron Shire Council, New South Wales, Australia

Integral's economists conducted benefit cost analysis of coastal adaptation options in an iconic tourist destination area with ongoing coastal erosion issues

and a complicated political history. The area of focus has an established planning policy of planned retreat, and is subject to ongoing litigation between residents, council, the State government, and insurers. Assets at risk under design storm conditions totaled more than \$200 million AUD, and included single family homes, large apartment complexes, parkland and public open space, regional rail and road infrastructure, and public utilities. Options evaluated included managed retreat, terminal seawalls, beach nourishment and combined approaches. An innovative Monte-Carlo approach was used to estimate cumulative erosion damage in each year of the project assessment period, for a more realistic estimate of erosion and inundation costs. The analysis also examined the distribution of benefits and costs between different stakeholder groups, and the fiscal impacts for the municipal government of each management alternative.

(A, O) Kingscliff Foreshore Management Option Cost-Benefit Assessment, New South Wales, Australia

Assessed different terminal seawall designs, sand nourishment, and managed retreat options for a campground and two sporting clubs facing imminent erosion impacts due to storm activity and variability in longshore sand supply. Options for detailed economic analysis were selected via engineering and regulatory feasibility screening, and further prioritized through structured community consultation using public meetings and multi-criteria decision analysis (MCDA). The MCDA process examined non-monetary factors such as impacts on visual amenity, and the retention of natural shoreline function. The economic analysis looked at impacts on changes in beach width on recreational beach use, property damage and lost tourism revenue.



Staff

Project Team

The BluePoint Planning Team will be led and managed by Mindy Craig, principal and founder of BluePoint Planning. She will be supported by Yeymi Rivas Reyes, Deputy Project Manager, and Brittany Bryant. We are excited to continue our long partnership with Rincon Consultants. Their team of planners, led by Reema Shakra, and supported by Lexi Journey and Camilla Boboroff will work side by side with BluePoint and the

County. The roles and an estimate of the hours for each of the key staff is below with an organization chart on the following page.

Resumes are provided for the entire team including the technical bench who have been included in case additional funds are secured and to offer additional expertise on specific adaptation areas.

Key Staff	Role/Responsibility	Est. # Hours	% of Hours
Mindy Craig, BluePoint Planning	Principal-in-Charge, Project Manager; oversight, quality control, strategy, plan development	254	20%
Yeymi Rivas-Reyes and Hayley Padden, BluePoint Planning	Deputy Project Manager, Outreach and Engagement, Plan Writing, Client support, Translation, Spanish Language oversight	493	38%
Jenny McGlinchey BluePoint Planning	Project Coordinator, Stakeholder Management, Logistics, Contracting, Administration	75	6%
Reema Shakra, Adaptation Project Manager	Adaptation Consultation, Technical Assessment	74	6%
Camilla Boboroff, Sustainability Planner	Technical assessment, strategy and plan development support	271	21%
Lexi Journey, Senior Planner	Planning and strategy consultation	60	5%
Marty Meisler, Nature Based Strategies Solutions	Nature Based strategy consultation	20	2%



Workshop for the Central Coast and Building Resilience Toolkit

Staff

Organization Chart

The following organization chart indicates the anticipated task leads and roles for each of our team members. Overall, we plan on an integrated and collaborative process with the County that allows each team member to actively participate in specific tasks, as well as provide additional insights and ideas when needed.



Staff

Mindy Craig, Principal-in-charge



Mindy is the owner of BluePoint Planning and offers over 25 years of experience providing policy and community planning, facilitation, outreach and communications, services to government organizations throughout California and the United States. She is a frequent

speaker and presenter at conferences nationally. Mindy provides technical planning capabilities with extensive community and stakeholder engagement and communication skills.

Mindy is a dedicated and passionate professional interested and experienced in a range of areas aligned with the requirements in this RFP. Her small business has enabled her to be agile and work in more sectors and areas than a typical firm. Her projects vary from large-scale, state and regional efforts with multiple subconsultants and partners to smaller non-profits or small communities. Mindy's clients are generally government agencies, where she acts as an extension of staff, offering trusted expertise to assist on a broad range of complex planning and policy projects. She provides a balance of organizational capabilities and content knowledge allowing for the most effective project management. As a principal level consultant, Mindy is able to easily work with all levels of personnel from administration staff and CEOs, to Commissioner and City Managers.

Expertise

- 10 years Climate, Resilience, and Energy Planning and Policy
- 25 + years Facilitation and Stakeholder Engagement, with large multifaceted groups related to complex topics, in-person and virtually
- Equitable and inclusive outreach and engagement

- Communications
- Community parks, recreation and open space planner

Organizations

- Board President, ReScape California, 2019-current
- Founder and Project Lead, RAPID Climate Action Network, 2020
- Former Board President, America Walks
- Former Member, Complete Streets National Steering Committee

Affiliations

- American Planning Association
- National Parks and Recreation Association
- California Parks and Recreation Association
- Association of Adaptation Professionals (ASAP)

Education

Bachelor of Arts, Social Science, Public Policy and Social Change, University of California, Berkeley, Graduated with High Honors.

Relevant Expertise

Policy

Mindy has worked in government policy her entire career and over the last 10 years has been deeply engaged in the energy sector including decarbonization, energy efficiency, and zero net energy policy. She was one of the lead consultants to create and implement California's Energy Upgrade California Program beginning in 2009. Mindy was the lead planner and writer for California's New Residential ZNE Action Plan, the Commercial & District Scale ZNE Action Plan, the AB 758 Existing Buildings Energy Efficiency Action Plan, and is currently developing the Low Carbon New Construction Multifamily Action Plan. Working with a multifaceted team and the Department of Energy, Mindy was an author and advisor for "A Guide to Energy Master Planning of High-Performance Districts and Communities."

Mindy Craig - cont.

Climate & Resilience

For the **Regional Resilience Toolkit**, BluePoint was contracted to help to complete two main tasks, lead the translation of technical white papers into a user-friendly Toolkit for local governments planning for resilience, and to test the materials in regional workshops. To accomplish this task, BluePoint lead by Mindy Craig developed an outreach plan for each region - Mt. Shasta and Central Coast - based on the particular characteristics and needs of these two significantly different regions. An additional workshop was added to the process focusing on financing for resilience. She then reviewed materials created to date, and redesigned, and refocused them to be more accessible and easy to use for local and regional governments.

In Mt. Shasta, she facilitated and managed two days of workshops including a community workshop, technical professionals workshop and other staff meetings. For each segment, different exercises were designed to appeal to the audiences and to elicit input. A particular successful one in this relatively conservative region was to ask individuals to identify the places they loved and what they wanted to protect - seeding a conversation that was devoid of controversy and focused on positive

outcomes for the region.

For the next region, the Central Coast with 6 counties, the team led by Mindy revised the workshop materials and technical documents based on lessons learned in Mt. Shasta and created a less technical workbook for participants to use in a stakeholder process. Designed for a local government agency to use over a multi-year process, we tested the workbook in a daylong workshop with over 100 participants at CalPoly University. The second day, Mindy led the coordinating group - the Central Coast Climate Collaborative in a half day strategic planning session to help them focus their future efforts and to be more effective in meeting the region's goals.

As a result of the Central Coast effort, a third workshop was planned to address financing resiliency. This final workshop, facilitated and managed by BluePoint, informed the financing chapter of the Toolkit and was attended by over 100 people as well. The day long event had a mix of speakers, a panel, and interactive exercises to assist participants understand and develop better resilience planning efforts.

Currently, Mindy is working on **Climate Adaptation Plans for the Town of Corte Madera, the Town of Windsor, and the City of Santa Cruz**. The Corte Madera

SANTA CRUZ
COLLECTION
Resilient Coast Santa Cruz: Aportes sobre la Adaptación Cost
Conozca las vulnerabilidades costeras de Santa Cruz sobre los caminos y las estrategias de adaptación para West Cliff Drive y las playas adyacentes. (Verano 2020)
Más información en:
cityofsantacruz.com/ResilientCoast

Get started

- 1 Playa Estatal Natural Bridges
- 2 Playas Main y Cowell
- 3 Playa Estatal Seabright
- 4 Zona de West Cliff N.o 1: Playa Pyramid
- 5 Zona de West Cliff N.o 2: Mitchell's Cove
- 6 Zona de West Cliff N.o 3: Lighthouse Point a Playa Its

Image from the Resilient Coast Santa Cruz Storymap collection done in English and Spanish with surveys integrated.

Staff

Mindy Craig - cont.

project focuses on imminent sea level rise, with over 150 homes at risk, as well as wildfire risks to its hillside communities. In Windsor, wildfire and emergency preparedness are the central topics. For Santa Cruz, the plan is focused on coastal resilience and managing the tensions between coastal erosion, recreation access, and resident needs. Santa Cruz and Windsor are both dedicated to a robust and inclusive engagement process, addressing the needs of the Spanish speaking populations, seniors, and other at risk communities. BluePoint is leading the outreach and engagement for all of the projects, using storymaps, interactive GIS mobile device surveys, and a suite of digital tools.

Mindy is also working with teams for the development of **Countywide Climate Action Plans for the County of Santa Barbara, and the County of Santa Clara**. In Santa Barbara, Mindy is the lead outreach consultant, facilitating the Equity Advisory Committee, and all community engagement. In Santa Clara, Mindy is consulting and assisting the County to do much of the work themselves, creating Outreach Toolkits and a comprehensive Outreach Plan to enable their staff to reach out to key stakeholders.

Community Planning

Mindy is an accomplished community planner with expertise in parks, recreation and open space. She has worked with over 40 communities nationwide to plan and fund community recreation complexes. Over the last 10 years she has focused this work on Parks and Recreation Master Plans for communities such as the City of Monterey, Half Moon Bay, the City of Santa Cruz, and the County of Mendocino. These plans integrate recreation, placemaking, connectivity analysis, and site visioning and concept development.

Recent Speaking Engagements

- 2019 NRPA National Conference, "Building Community Resilience through Parks & Open Space," Baltimore, MD
- "Climate and Resilience Communication & Facilitation", Graduate Planning Class Lecture, UC Berkeley, 2019.
- 2018 California Adaptation Forum, Sacramento, "Building Regional Resilience Workshop"
- 2018 California Adaptation Forum, Sacramento, "Establishing Technical Assistance Programs for small Local Government Jurisdictions"
- 2018 California American Planning Association Annual conference, San Diego, "Building Regional Resilience"
- International Downtown Association West Coast Urban Forum, "Sustainability & Economic Development Through ZNE Downtown Districts"
- 2016, ACEEE Summer Study presenting paper "Building Sustainable Communities Driven by Zero Energy at Scale"
- Keynote: CABEC Conference 2016 "Taking Zero Net Energy to Scale in California"
- Keynote: Consensus Building for Statewide Energy Efficiency, Rocky Mountain Utility Efficiency Exchange, Aspen Colorado
- 2016 NASEO Western Regional Meeting, "Sustainability & Scale via ZNE Districts", UT

Recent Publications

"Building Sustainable Communities Driven by Zero Energy at Scale," August 2016, American Council on Energy Efficient Economy

Staff

Yeymi Rivas Reyes, Deputy Project Manager



Yeymi Rivas Reyes is a project associate with BluePoint Planning and works on a range of initiatives including resilience planning, community outreach, marketing and communications, and Spanish language engagement strategies. Through BluePoint

Planning, Yeymi serves as a marketing and communications coordinator for the Bay Area Regional Energy Network Association (BayREN), where she helps implement regional communication and social media campaigns.

Yeymi is the deputy project manager for the Santa Clara County Nature Based Resilience Strategy and Collaborative. She recently completed work for the Town of Windsor's climate adaptation plan's community outreach strategy, as well as the social media and outreach for the Fresno and Madera County's State Route 41 /Ave 9 Sustainable Corridors Study. Other work includes outreach assistance for the Resilient Coast Santa Cruz community workshops, Santa Barbara County Climate Action Plan Outreach, and Santa Clara County Climate Action Plan Engagement.

Yeymi is a former CivicSpark Climate fellow who worked for the City of Berkeley's Planning Department-Office of Energy & Sustainable Development. While at Berkeley, Yeymi managed and presented monthly Electric Vehicle 101 workshops throughout the East Bay and presented the first Spanish language Electric Vehicle 101 workshop. Yeymi also contributed to the research presented in the 2020 Berkeley Mobility Roadmap by interviewing local community members on their mobility experience.

During her time with CivicSpark, Yeymi was a co-lead for the Environmental Justice team, aiming to provide

a safe learning environment for future leaders in the environmental field. She is also a founding member of EV Gals, an electric vehicle strategy coalition engaged in promoting clean transportation around the Bay.

Relevant Project Experience

Santa Clara County Resilience Strategy and Collaborative Development, Santa Clara County, CA

Yeymi is the deputy project manager for this multi-faceted project incorporating managing stakeholders and engagement efforts countywide as well as assisting in the development of the Resilience Strategy.

City of Windsor Ready Adaptation Plan, Windsor, CA

Yeymi researched and wrote the community outreach strategy for the Town's Ready Plan. The document aims to support engagement through multiple languages and touch points to ensure that the community is safely being reached virtually and in-person.

Town of Corte Madera Transportation Focused Climate Adaptation Plan, Corte Madera, CA

Yeymi has provided outreach support by researching the best avenues to reach the local community. She has also created an outreach toolkit to bring awareness to the virtual community meetings. The toolkit included an email invitation and social media posts with their respective captions. She also provided technical assistance at the community workshop.

Resilient Coast Santa Cruz, Santa Cruz, CA

Yeymi provided technical support for social media posts to engage the community. She also provided Spanish assistance during the community workshops.

State Route 41 Study for Fresno Council of Governments (FCOG) and Madera County Transportation Commission (MCTC), Fresno and Madera Counties, CA

Through her role with the study, Yeymi created the social media outreach toolkit to attract Fresno and Madera community members to the virtual Info Center and community meetings. The toolkit includes email templates, images and captions for social media platforms, and their Spanish translations. She also supported the small group meeting efforts to engage community leaders.

Staff

Yeymi Reyes - cont.

Regional Communications and Marketing for the Bay Area Regional Energy Network (BayREN), Bay Area, CA

Yeymi implements communications projects and campaigns to build brand awareness. She has revamped the newsletter, created new social media accounts, and maintained the existing online platforms. She is currently supporting BayREN's campaign partnership with the Switch is On to incentivize the public to switch to electric home appliances. Other work includes creating organizational documents, updating the website, and providing Spanish language workshops.

BayREN's Water Upgrade \$ave Program, Bay Area, CA

Yeymi has assisted in providing marketing and communications help to the program by brainstorming effective outreach materials for utility leaders and the public. These materials include: videos, brochures, and small consumer gifts.

Expertise

- Resilience Strategy
- Community Visioning and Goals Setting
- Community engagement and outreach for range of community processes
- Marketing and communications
- Spanish language and equity outreach strategies

Prior Experience

- CivicSpark Climate Fellow, City of Berkeley, Berkeley, CA
- Communications Intern, San Francisco Estuary Partnership, San Francisco, CA
- Purposeful Work Fellow, Bates College, Lewiston, ME
- Social Media & Communications Intern, Conservation Lands Foundation, San Francisco, CA

Language

Bilingual - Spanish & English

Education

- Bachelor of Arts in Environmental Science, Bates College
- Presenter at the Universities Fighting World Hunger Summit, 2019



Reema Shakra, AICP

Climate Adaptation Program Manager

Ms. Shakra is a Climate Adaptation Program Manager with 17 years of consulting and public agency experience in sea-level rise vulnerability and adaptation assessments, climate action and adaptation planning, and community outreach and engagement. Ms. Shakra has a wide-ranging policy background, having prepared or managed general plan updates, climate action plans, local coastal program updates, corridor plans, and climate adaptation plans.

SELECT PROJECT EXPERIENCE

Deputy Project Manager, Southern California Association of Governments – Southern California Regional Climate Adaptation Framework, Counties and Cities of Ventura, Los Angeles, Orange, Riverside, San Bernardino, and Imperial. Ms. Shakra assisted SCAG in preparing a comprehensive framework to support regional climate adaptation planning. Ms. Shakra co-authored a regional climate adaptation guidebook which provides SCAG member agencies with a compendium of tools, resources, and best practices to efficiently advance their climate adaptation planning process. She prepared a matrix that identified over 275 adaptation strategies for a variety of climate hazards, including wildfire. Ms. Shakra conducted a gap analysis of all member agencies to identify local governments that have adopted or are in the process of adopting climate adaptation policies in their safety elements. Ms. Shakra led the preparation of climate adaptation model policies for safety elements and local coastal programs. She identified metrics and indicators that local governments and regional metropolitan planning agencies can use to help track progress in adapting to climate change. *National American Planning Association award winner for Excellence in Sustainability in 2021.*

Project Manager, City of Calabasas – Safety, Circulation and Housing Element Update, Calabasas, California. Calabasas is preparing a comprehensive update to their Housing Element and related updates to the Land Use, Safety and Circulation Elements in compliance with new State rules. Ms. Shakra is serving as project manager and authoring the updates to the safety, land use and circulation elements. The safety element is being updated in compliance with recent state legislation, and OPR's Fire Hazard Planning Technical Advisory Update (Draft). Calabasas is located entirely within a very high fire hazard severity zone, has over 15 residential neighborhoods with less than two emergency evacuation routes, and numerous residential communities with gated secondary access. Policies and implementation programs are being developed in consultation with Los Angeles County Fire Department, Los Angeles County Sherriff Department, Los Angeles County Emergency Operations Department, and CAL FIRE.

Project Manager, City of Santa Barbara – Adaptation Plan for the Local Coastal Program, Santa Barbara Ms. Shakra assisted the City of Santa Barbara in preparing an update to their local coastal program to address sea-level rise hazards. The project included preparation of a vulnerability assessment report and an adaptation plan. Ms. Shakra worked closely with the City and coastal engineers to assess the benefits and constraints associated with adaptation strategies. She authored the implementation plan, which identified funding mechanisms for adaptation projects, and tools the City can use to facilitate implementation of the adaptation plan.

EDUCATION

B.S., Urban and Regional Planning, California State Polytechnic University, Pomona, 2003

CERTIFICATIONS/ REGISTRATIONS

Certified Planner, American Institute of Certified Planners (no. 023226)

PROFESSIONAL AFFILIATIONS

American Planning Association (APA)





Lexi Journey, MESM

Senior Environmental Planner

Ms. Journey is a Senior Environmental Planner within Rincon's Environmental and Land Use Planning Group. Ms. Journey's experience includes project management, planning policy analyses, technical analyses, and outreach for assignments such as Climate Action Plans, Safety Elements, and Climate Adaptation Plans. In 2021, she managed several General Plans that were approved by CAL FIRE and assisted communities obtaining CAL FIRE grant funding in addition to other funding resources. She uses her wide breadth of planning expertise to teach *Principles and Practice of Environmental Planning* at the Bren School of Environmental Science & Management.

SELECT PROJECT EXPERIENCE

Project Manager, 2030 Climate Action Plan and Environmental Impact Report, Santa Barbara County Ms. Journey is the project manager of the Santa Barbara County Climate Action Plan and EIR which is the first project of the Santa Barbara County Climate Collaborative and brings in together various projects under the One Climate initiative. The plan will include strategies that will be implemented by various departments to tackle the variety of climate issues the County faces. This Climate Action Plan also includes a Natural and Working Lands Chapter that inventories the County's carbon stock and contains strategies to increase carbon sequestration in the County.

Planning Grant Lead, Community Wildfire Protection Plan, City of Goleta, California Ms. Journey assisted the City of Goleta implement their Community Wildfire Protection Plan (CWPP) by providing and grant support to conduct tree removal in coastal residential and open space area. The Ellwood Mesa/Sperling Preserve Open Space is designated Environmentally Sensitive Habitat Area (ESHA) and requires a high-level of environmental permitting for tree removal including e.g. Coastal Commission Coastal Development Permits, CDFW Section 2081 ITP, USFWS Section 10(a) ITP, USACE Nationwide Permit, CCRWQCB Section 401 WQC. Ms. Journey is part of a larger Rincon team that assists the City manage all their open space. Ms. Journey also assisted the City and the Santa Barbara County Fire Council in applying for grant funding for County-wide chipping and prescribed herbivory/grazing program.

Project Manager, City of Ventura, City of Camarillo, City of Seaside, City of Thousand Oaks, City of Rolling Hills, City of Palmdale, City of Ojai, Safety Element Updates, Raimi and Associates, California Ms. Journey is currently managing the Safety Elements of the General Plan Updates for the cities of Seaside, Thousand Oaks, Palmdale, Ventura, and Ojai on the Raimi and Associates General Plan Team. All of these Safety Elements Updates will involve CAL FIRE coordination and Board of Forestry approval. Some of the element updates include an emergency evacuation analysis in accordance with SB 99 and AB 747. Ms. Journey is also responsible for managing other more technical components of the General Plan Updates in addition to the Safety Element including the Conservation/Open Space and Noise Elements.

Project Manager, City of Oxnard – Local Coastal Program Update, Oxnard Ms. Journey managed the update of Oxnard's Local Coastal Program in order to conform with Coastal Commission policy directives and approaches to address climate change adaptation strategies, such as those for sea level rise. The update involved the assessment of Oxnard's coastal resources, the vulnerability of these resources and development of the implementation tools for *protection* and mitigation.

EDUCATION

MESM, Bren School of Environmental Science & Management, University of California, Santa Barbara
BS, Ecology, Evolution and Behavior, University of California, Los Angeles

INSTRUCTOR

ESM 275 Principles and Practice of Environmental Planning, Bren School of Environmental Science & Management, University of California, Santa Barbara





Camila Bobroff, MESM

Sustainability Planner

Camila Bobroff is a Sustainability Planner with Rincon's Environmental Planning and Sustainability Group. Ms. Bobroff has substantial experience with data analysis, greenhouse gas emissions inventories, and developing climate action measures and adaptation strategies. She is currently responsible for assisting in the preparation of Climate Action Plans, Climate Adaptation Plans, Climate Change Vulnerability Assessments, Carbon Inventories, and Safety Elements for jurisdictions across California.

SELECT PROJECT EXPERIENCE

Assistant Project Manager, Santa Barbara – 2030 County Climate Action Plan and EIR, Santa Barbara County Ms. Bobroff is serving as the Assistant Project Manager for the County of Santa Barbara on their 2030 County Climate Action Plan. The Climate Action Plan is intended to facilitate the reduction of GHG emissions in a way that helps improve the public health and economy of the County through partnerships with the community by providing resources for a more sustainable and equitable community. Ms. Bobroff is leading the emissions calculations associated with the natural and agricultural lands. Rincon worked with the Bren School of Environmental Science and Management, University of California Santa Barbara (UCSB) to complete extensive research and reached out to experts in the respective fields to ensure the incorporation of the information found is appropriate and the methodology to calculate GHG emissions is accurate. Ms. Bobroff also helped update the county-wide GHG emissions inventory.

Assistant Project Manager, City of Carmel-by-the-Sea – Climate Adaptation Plan, Carmel-by-the-Sea Ms. Bobroff led the development of the City's Climate Adaptation Plan which identifies goals, policies and actions to increase resilience to climate change in Carmel-by-the-Sea. Ms. Bobroff developed selection criteria to prioritize the selection of goals, policies, and actions to help promote implementation, equity, and effectiveness. The Climate Adaptation Plan includes guidance, tools, responsibilities, and analysis required to effectively implement and monitor progress with the adaptation plan. The Climate Adaptation Plan includes relevant case study examples to illustrate how policies and actions are being transformed into specific projects and programs. Ms. Bobroff also supported various public and stakeholder meetings to gather feedback on the Climate Adaptation Plan.

Sustainability Planner, City of Cupertino – Climate Action Plan Update Community Outreach and Technical Support, Cupertino Ms. Bobroff prepared a Climate Change Vulnerability Assessment Peer Review for the City of Cupertino to identify opportunities to better align with state guidance on preparing vulnerability assessments. Additionally, Ms. Bobroff conducted an existing adaptation measures analysis of the City's planning documents including the Housing Element and Safety Element. This analysis provided recommendations to better align with state guidance on climate adaptation and incorporate best practices and innovative and progressive adaptation policies.

EDUCATION

MESM, Energy and Climate,
Bren School of Environmental
Science & Management,
University of California,
Santa Barbara

BA, Environmental Studies,
BS, Ecology and Evolutionary
Biology, University of
California, Santa Cruz





EDUCATION

MBA, Sustainable
Management, Presidio
Graduate School

PhD, MS, Biological Sciences,
University of Southern
California

BS, Biology, University of
Miami

Marty Meisler, PhD, MBA

Senior Supervisor II

Dr. Marty Meisler recently joined Rincon after 32 years at the Metropolitan Water District, where he managed environmental compliance, technical biological and cultural studies, and permitting for large- and small-scale water infrastructure and O&M projects. He has extensive experience with project-specific endangered species permitting and large-scale habitat conservation planning, having led or participated in planning efforts on the Lower Colorado River, throughout Southern California, and in the Bay-Delta. Marty also has a background in biomimicry and applies that perspective towards development of nature-based solutions, such as a regenerative agriculture pilot project to sequester carbon and reverse long-term land subsidence on Metropolitan-owned islands in the Sacramento River Delta. Marty is a collaborative leader with expertise in helping stakeholders develop and implement large-scale strategic plans and is passionate about finding durable solutions at the intersection of science, public policy, and business and nonprofit sectors.

SELECT PROJECT EXPERIENCE

Project Manager, Metropolitan Water District – Delta Islands Regenerative Agriculture Carbon Sequestration Pilot Project Metropolitan owns 20,000 acres on four islands (Delta Islands) in the Sacramento-San Joaquin River Delta that sit along the critical freshwater pathway to the State Water Project and Central Valley Project pumps in the South Delta. The islands have been farmed since the late 1800s, and have lost substantial amounts of rich organic soils and are significant contributors of greenhouse gas emissions due to dewatering and conventional agricultural practices such as tillage; as a result, parts of the Delta Islands are now as much as 25' below sea level. Metropolitan and other agencies are evaluating alternatives to stop GHG emissions, and potentially reverse subsidence through carbon sequestration. Dr. Meisler developed a pilot project to sequester carbon and reverse subsidence through holistic managed grazing and a transition from conventional to regenerative agricultural practices, that focused on soil health and biodiversity, elimination of tillage and synthetic chemical inputs, and increased farm profitability. Dr. Meisler engaged a broad range of potential partners for the pilot, including NGOs, university researchers, and other Delta farmers, and identified sources of grant funding.

Senior Environmental Specialist and Interim Team Manager, Metropolitan Water District – Various Projects, Environmental Planning Team and Colorado River Group

Dr. Meisler represented Metropolitan on endangered species conservation planning efforts throughout Southern California and the Colorado River Basin. He conceived and helped lead development of the LCR MSCP to reconcile conflicts between proposed endangered species regulations and management of water and power resources. This resulted in 50-year, \$656 million conservation program providing 400 miles of riparian and aquatic habitat restoration. Dr. Meisler led outreach efforts to 35 federal and state agency, tribal, and environmental NGO stakeholders in Arizona, California, Nevada. Dr. Meisler chaired the Biology Subcommittee for 10 years. He proposed, developed, and implemented two-year interim conservation grants program to demonstrate commitment to species conservation during LCR MSCP planning. Dr. Meisler obtained \$1.2 million federal match.



ARRIETTA CHAKOS

Professional Summary: Urban resilience public policy and implementation

- Comprehensive risk analysis, culturally-respectful resilience planning
 - Executive-level local government management and public finance experience
-

PROFESSIONAL EXPERIENCE

PRINCIPAL, Urban Resilience Strategies; Berkeley, CA. July 2010—present

Consultation on urban policy and comprehensive risk management:

- GeoHazards International project team with U.S. Department of State's Office of Disaster Assistance; "Developing Next-Generation Scenarios & Scenario-based Plans to Support Mitigation Action." Lead state and local government policy & implementation analysis; develop action recommendations. 2020—2022.
- Johns Hopkins University, Center for Health Security; "The Community's Role in an Equitable and Effective Covid-19 Vaccination Rollout" research project and policy recommendations. Develop local government legislative and funding resources for pandemic recovery, health equity action. 2020—2022.
- Association of Bay Area Governments/Metropolitan Transportation Commission's Resilience Program for 101 cities; regional resilience planning with Federal Emergency Management Agency, RIX & Environmental Protection Agency; U.S. Geological Survey; & Rockefeller Foundation's 100 Resilient Cities program
- GeoHazards International and UK's Overseas Development Institute on national seismic resilience planning with China Earthquake Administration; Weinan City, Shaan'xi Province
- City & County of San Francisco City Administrator's Office on CCSF resilience policy & programs
- City of Oakland, California's long-term disaster recovery plan
- ICF International's California Energy Commission energy assurance program in 50 California cities
- ICF International's long-term disaster recovery plan for Washington Capitol Region, Homeland Security Department
- City of Palo Alto's comprehensive resilience assessment & Threat & Hazard Identification & Risk Assessment
- Coordinated City of Berkeley & University of California, Berkeley state-wide resilience policy summit
- Worked with ICF International to assess Pacific Gas and Electric's systemic disaster readiness
- Developed school seismic safety policies for U.S. State Department, Asia-Pacific Economic Cooperation (APEC) & GeoHazards International for adoption of international resilience guidelines
- New York City metro region's disaster recovery technical guidance for Regional Catastrophic Response Plan
- Marmara Earthquake Reconstruction Project; World Bank Seismic Mitigation Project. Istanbul, Turkey

DIRECTOR, Acting in Time Advance Disaster Recovery Project, Harvard Kennedy School, Cambridge, MA, August 2008--July 2010

- Directed disaster resilience policy research, recovery planning and implementation

ASSISTANT CITY MANAGER, City of Berkeley, CA. July 1994--June 2007

- Directed disaster resilience programs; secured local, state, and federal funding; managed legislative initiatives
- Developed California's first Comprehensive Local Hazard Mitigation Plan for sustainable resilience
- Secured state funding for risk studies & seismic safety program for apartment buildings
- Crafted political strategy for seismic retrofit programs, raising \$262 million in local tax funds
- Secured \$25 million in federal funding for municipal seismic, public safety and fire safety projects
- Developed landmark seismic safety statutes, AB 2140 and AB 304, enacted by the California legislature

LEGISLATIVE LIAISON, Berkeley Unified School District, Berkeley, CA, October 1990--July 1994

- Established legislative and disaster mitigation programs securing \$22 million in state safety grants
- Directed \$158 million safety tax measure to retrofit of unsafe schools
- Secured \$14 million for school safety projects; developed AB 595 legislation for school disaster safety

SELECT PUBLIC POLICY CONSULTATION

Member

National Academy of Sciences; Washington, D.C. Disasters Roundtable. 2009--2013; Resilient America Roundtable Community Pilot Resilience Subcommittee, 2018; Resilient America Roundtable, 2009--2020.

Member

National Academy of Sciences; Washington, D.C. Committee to Advise the U.S. Global Change Research Program. 2014--2021.

Member

University of Southern California; Southern California Earthquake Center; Advisory Council; 2019--2021.

Member

Board of Directors, U.S. Resiliency Council. 2018--2019.

Member

U.C. Berkeley Lawson Lecture panel. "The Haywired Earthquake Scenario," University Club; April 2018.

Chair

Housner Fellows Leadership Program; Earthquake Engineering Research Institute. 2013--2017.

Advisor

Los Angeles Emergency Preparedness Foundation resilience initiative with the Rockefeller Foundation. 2012.

Member

Shah Family Fund Distinguished Lecture panel; "Protecting the World's Most Vulnerable Communities from Earthquakes;" Blume School of Engineering; Stanford University; May 2010.

Advisor

National Research Council: Private-Public Collaboration to Enhance Community Disaster Resilience. 2009--2010.

Member

Working Group: Citizen Engagement/Public Health Emergency Planning. Center for Biosecurity. 2006--2008.

Alternate Member

Citizen's Oversight Committee/Public Finance: Bay Area Rapid Transit Seismic Safety Program. 2005--2007.

Member

Symposium: Earthquake Safety in Schools. Organization for Economic Cooperation & Development. GeoHazards International. Paris, France. 2004.

Member

U.S. State Department Delegation to the U.S./Japan High-Level Forums on Earthquake Policy. Yokohama, Japan (1999); San Francisco (2000)

EDUCATION

Master in Public Administration. Harvard Kennedy School, Harvard University

Bachelor of Arts, English, *Magna cum laude.* California Polytechnic University, Humboldt

SELECT PUBLICATIONS & PRESENTATIONS available on request



PETRONILA ESTHER MANDENO

Fire Ecologist/GIS Specialist

PROFILE

With over 25 years of experience in GIS data management, map production, wildland fire behavior modeling, and natural resource management, Ms. Mandeno brings a wide breadth of skills and knowledge to any project.

During her time with California State Parks in the Lake Tahoe Basin, she became a Burn Boss, using prescribed fire to manage forests. Later, she shifted her focus to the Sierra District's GIS where she developed and implemented a wide variety of data and map products for land managers.

Ms. Mandeno can work on many levels to assist or write wildland fire management plans and bring those to the public with innovative online tools such as ESRI's Story Maps.

CONTACT

PHONE:
530-386-2368

WEBSITE:
www.digitalmappingsolutions.com

EMAIL:
mandeno@digitalmappingsolutions.com

EDUCATION

University of Nevada, Reno

1998 - 2000

M.S. in Natural Resource Management with an emphasis on fire ecology and prescribed fire management. [*Prescribed fire effects in mixed conifer stands in the Lake Tahoe Basin*](#) (search page for "Petronila Esther Mandeno")

University of California, Davis

1987 - 1992

B.S. in Resource Science with an emphasis on natural resource management.

WORK EXPERIENCE

Digital Mapping Solutions – GIS Specialist/Fire Ecologist (self-employed)

August 2013 – Present; March 2005 – June 2010

As an independent consultant, Ms. Mandeno has worked on a variety of projects for both the public and private sectors throughout California and Nevada. Projects include Community Wildfire Project Plans (CWPP), fire risk assessments, evacuation assessments, and fuel management plans. Projects include:

- Santa Lucia Preserve lot-specific fuel management plans
- Map support for small, local CWPPs in Sonoma County for Fire Safe Sonoma
- Fuel model map development for Sonoma County
- Evacuation analysis for various property developments
- Fire management plans developed in conjunction with Wildland Fire Associates
- Pre-attack map for a Yolo County community
- Public outreach project in Napa County, includes home evaluation/inspection data collected using Survey 123
- San Francisco Bay-wide fire modeling effort for Zonehaven
- CWPP development and risk assessments for Yolo County, Napa County, and Sonoma County

Geoglobal Energy LLC – GIS Specialist

June 2010 – August 2013

As a full-time employee, Ms. Mandeno developed and maintained 3D spatial models of geothermal systems in California, Nevada, and Chile.

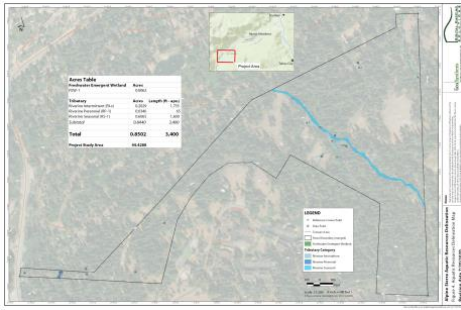


Figure 1 - Wetland resource delineation map for a planned development in Placer County

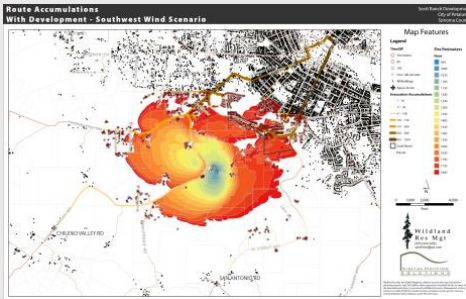


Figure 2 - Evacuation analysis for a planned development in Marin County

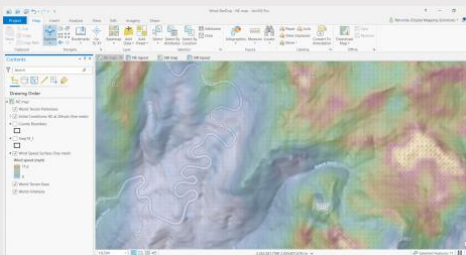


Figure 3 - Wind analysis for Napa County

WORK EXPERIENCE (CONTINUED)

California State Parks – Research Analyst I

August 2001 – February 2005

Ms. Mandeno provided support for the Natural Resource Office for the Sierra District of California State Parks in their fire operations and other programs.

California State Parks – Associate Resource Ecologist

June 1999 – August 2001

Ms. Mandeno was responsible for the Sierra District's Prescribed Fire Program. She planned and implemented a variety of prescribed burns in numerous park units throughout the Sierra Nevada as a Burn Boss/Incident Commander I.

TRAINING

November 2019

- Attended the 8th International Fire Ecology and Management Congress in Tucson, Arizona

July 2019

- Attended ESRI's User Conference in San Diego, California

April 2014

- RX 210 Ecological and Social Effects of Fire, Central Oregon Community College, Bend, OR

June 2012

- AutoDesk Civil 3D 2012 Fundamentals, Ideate, San Jose, CA

April 2000

- S 490 Advanced Wildland Fire Behavior Calculations, CAL FIRE Academy, Lone, CA

December 1999

- S 200 IC Type 4, National Wildfire Coordinating Group, Tahoe City, CA

May 1999

- RX 300 Burn Boss, North Lake Tahoe Fire Protection District, Incline Village, NV

April 1999

- RX 450 Smoke Management, North Lake Tahoe Fire Protection District, Incline Village, NV

REFERENCES

Carol Rice – Wildland Res Mgt, Inc.

carollrice@aol.com

925-944-5282

Jim Stimac – Stimac Geothermal Consulting

sgcgeo00@gmail.com

707-479-7855

Sara Windsor – The Sea Ranch Association

swindsor@tsra.org

707-684-6041



David Revell, Ph.D.

Senior Consultant

(831) 576-2884

Santa Cruz, California

drevell@integral-corp.com

Dr. David Revell is a coastal geomorphologist with more than 25 years of experience studying marine, coastal, and estuarine processes, working to integrate science and management of coastal processes and climate change. He has served as a technical advisor and facilitator to multiple federal, state, and local jurisdictions related to ocean and coastal management especially at the intersection of how physical processes and human alterations affect hazards, habitats, and human use. He has been involved in a wide variety of contentious community stakeholder processes ranging from evaluating erosion hazard alternatives to climate change vulnerability impacts to lagoon and fisheries management, water quality, and marine spatial planning. Much of his work involves physical process research and spatial analysis to facilitate communication of science to inform decision-making. Dr. Revell currently advises multiple local jurisdictions and agencies on dune and sediment management, climate change, estuary processes, inlet management, and local coastal program updates.

Education & Credentials

Ph.D., Earth Sciences, University of California, Santa Cruz, 2007

M.S., Oceanography and Marine Resource Management, Oregon State University, Corvallis, Oregon, 2000

B.A., Geography, and B.A. Environmental Studies, University of California, Santa Barbara, California, 1998 and 1996

Continuing Education

Postdoctoral Research, Institute of Marine Sciences, University of California, Santa Barbara, April 2007–April 2008.

Adjunct Professor, Monterey Institute of International Studies, California

Select Project Experience

Local Coastal Program and General Plan Update, Carpinteria, California — Worked with a teaming partner in updating the City of Carpinteria LCP and General Plan. Specific tasks are to conduct a vulnerability study and fiscal impact study and work with the steering committee and city to incorporate the findings into policy. This project has included data analysis, evaluation and interpretation of various Coastal Hazard model outputs (COSMOS 3.0 and Coastal Resilience), and public outreach and communication.

Incorporation of Climate Change into the Local Coastal Program, Goleta, California — Worked for the City of Goleta to update and draft its LCP policies to include climate change impacts consistent with the California Coastal Commission Guidance on sea level rise. This work included a vulnerability assessment, a coauthored fiscal impact section, identification and evaluation of adaptation strategies to provide policy recommendation, and sections of the LCP related to coastal hazards.

Coastal Resiliency: Phases 1 and 2, Santa Barbara, California — With funding from the California Coastal Commission, the Coastal Commission, and the Ocean Protection Council, modeled projected coastal hazards exacerbated by sea level rise the Santa Barbara County coast at a scale suitable for



planning purposes. Deliverables included projected future coastal hazards, which include a new integrated approach of stepping through time eroding the coast and flooding newly eroded areas through hydraulic connectivity. More information on results is available at Santa Barbara County Coastal Resilience through The Nature Conservancy.

Goleta Slough Sea Level Rise Vulnerability and Adaptation Study and Ecosystem Management Plan Update, California

— Managed an adaptation study to reevaluate the study area based on projected sea level rise as part of a plan to update the Goleta Slough Ecosystem Management Plan prepared by the Goleta Slough Management Committee and adopted by the City of Santa Barbara in 1997. Through a facilitated stakeholder process and technical analyses, the study assessed vulnerability and risk to both natural and human resources and infrastructure. Based on results of the vulnerability assessment, recommended a series of adaptation strategies that included both capital improvements and policy recommendations. Led the technical analyses and provided guidance and direction to subcontractors.

Goleta Beach Erosion Projects, County of Santa Barbara, California

— Assisted the County of Santa Barbara in multiple stakeholder processes and technical studies related to the substantial erosion to Goleta Beach County Park catalyzed by the 1997–1998 El Niño erosion wave. Studies have included peer-reviewed scientific research and technical studies on various adaptation strategies with several alternative park reconfigurations and managed retreat options. Peer-reviewed other technical modeling and led a technical team to conduct wave run-up and climate change modeling to support the Environmental Impact Report on a managed retreat strategy. Throughout the process, presented research results to stakeholder group.

USGS–UCSC Coastal Processes Study for Santa Barbara and Ventura Counties, California

— Conducted research and managed the UCSC research team on a collaborative project with USGS to study large-scale coastal processes of the Santa Barbara littoral cell. Examined seasonal changes through extensive field data collection campaigns and conducted numerical modeling to further inform observations of short-term and seasonal changes and provide insights into long-term shoreline evolution.

West Cliff Drive Adaptation and Management Plan, Santa Cruz, California

— Developing a neighborhood scale/transportation corridor adaptation plan along iconic West Cliff Drive in Santa Cruz, balancing coastal erosion, transportation, recreation, and community visioning. Specific work tasks included hazard modeling, local coastal program policy development, and social vulnerability and economic and engineering analyses. A substantial public outreach included a technical advisory committee, focus groups, and other stakeholders to identify different community adaptation visions to be evaluated by all disciplines to identify the most effective adaptation pathways through time and to develop land use policies to integrate into local coastal and city planning documents. Led a diverse team of geologists, engineers, economists, ecologists, and transportation planners on the project.

Vulnerability Assessment for Power Generating Stations, City of Oxnard, California

— Served as an expert witness to conduct a vulnerability assessment for the energy and infrastructure facilities within the coastal zone in the City of Oxnard from current and future coastal hazards. The assessment employed a variety of modeling work completed as part of the Nature Conservancy’s Coastal Resilience Ventura project. This assessment provides the City with information to review the California Energy Commission application for additional energy development at the Mandalay Generating Station. The vulnerability assessment also bolsters the City’s understanding of the timing and failure of the Ormond Beach Generating Station as the City considers methods to remove aging energy infrastructure.

Sea Level Rise Study, Imperial Beach, San Diego, California

— Teaming with USC Sea Grant, conducted a sea level rise vulnerability and adaptation study in Imperial Beach, San Diego, California. With funding from the State Coastal



Conservancy, led the City through a facilitated process to characterize existing and future vulnerabilities, identify potential adaptation strategies, and help educate the local community to garner support for implementing of prioritized actions. An expanded scope, with San Diego Foundation funding, enabled an economic analysis and expanded educational outreach to elected officials and regional partners to be included. Part of the project built technical capacity within the City to support future incorporation of new relevant data. Key partners in the initiative are the Tijuana River National Estuarine Research Reserve, the Port of San Diego, and the U.S. Navy.

Resilient Coastal Adaptation Project, Ventura County, California — Conducting a vulnerability and fiscal impact study for the County of Ventura to support adaptation planning and LCP policy updates. This project includes data analysis, hazard modeling to round out data gaps in the COSMOS 3.0 and Coastal Resilience hazard modeling, integration with the economic team, and public outreach and communication.

Local Coastal Update for Sea Level Rise, Oxnard, California — For the City of Oxnard, guided a teaming consultant to conduct a vulnerability study and adaptation plan in support of the LCP update. This project has included data analysis, additional adaptation modeling, integration with the economic team, and public outreach and communication.

Pacific Institute Coastal Infrastructure and Vulnerability Impacts Assessment, California — With funding from the Ocean Protection Council as part of the 2008 California Climate Impacts Assessment through the California Energy Commission, conducted the first California statewide coastal hazard assessment resulting from sea level rise. The first of its kind on the U.S. West Coast, this project mapped projected future coastal erosion and coastal flooding hazards. To complete this project, developed a new methodology that evaluated geomorphic response of various backshore types by applying a total water level methodology; collaborated with climate change researchers at Scripps, USGS, and Oregon State University; organized and engaged a technical and regulatory peer review team on methods and results; and collaborated with Pacific Institute on a vulnerability assessment associated with coastal hazards, which was published in the Pacific Institute Report titled *The Impacts of Sea Level Rise to the California Coast*.

The Nature Conservancy's Coastal Resilience Program, Ventura County, California — Working through an interactive stakeholder process with multiple agencies, local government representatives, and several nonprofit organizations, led a technical team that modeled current and potential future coastal and fluvial hazards for a variety of climate change scenarios, representing sea level rise and changes to rainfall and sediment delivery, for the Ventura County coastline, including Mugu Wetlands, the Santa Clara River, and the Ventura River. Applied a habitat evolution model (Sea Level Affecting Marsh Migration, SLAMM) to predict long-term wetland conversion with sea level rise, as well as to identify areas of ecological vulnerability based on potential adaptation strategies. SLAMM model results were then used to calculate the greenhouse gas emissions related to multiple adaptation strategies. Local communities and the U.S. Department of Defense are using the results to evaluate vulnerabilities and consider adaptation strategies.

Technical Review of FEMA Coastal Flood Maps, County of Ventura, California — Reviewed the recently released Preliminary Coastal Flood Insurance Rate Maps for the County of Ventura. Specific work focused on the technical review of modeling assumptions, calculations, and geomorphic interpretation to evaluate the accuracy and shortcomings of the new proposed regulatory maps. The final report has been submitted to FEMA to consider additional work to improve the mapping accuracy.





Dave Anning, Ph.D.

Consultant

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Dr. Dave Anning has a broad environmental background with qualifications in science, environmental management, economics, and geography. His research and interests lie at the intersection of environmental, social, and governance influences, including climate change and sustainability.

Dr. Anning has assessed the climate impacts associated with renewable energy projects and expansions of mining operations, and has delivered professional development and university-level courses in coastal climate change adaptation. He has considerable experience in identifying climate change impacts on natural resources, and associated economic impacts. Dr. Anning has also conducted environmental performance reviews and prepared environmental management plans for a range of facilities, including clients in the scientific research and tourism sectors.

Dr. Anning has developed skills in the design, application, and analysis of non-market survey methods and the use of GIS to estimate fiscal and economic impacts of erosion and inundation of built and natural assets in the coastal zone.

Education & Credentials

Ph.D., Geography, University of New South Wales, Sydney, Australia, 2012

M.E.M., Environmental Tourism, University of Queensland, Brisbane, Australia, 2005

Graduate Diploma of Economics, University of New England, Armidale, Australia, 2013

B.S. with Honours, Anatomy, University of Queensland, Brisbane, Australia, 2002

B.S., Marine Biology, University of Queensland, Brisbane, Australia, 2001

Continuing Education

Introduction to Environmental Law and Policy, University of North Carolina (2021)

Statutory Interpretation, Crown Law Queensland, Australia (2016)

Coastal Hazard Management Short Course, Griffith University, Gold Coast, Australia (2014)

Summer School in Discrete Choice Models—Advanced Module, University of Bologna (2008)

Discrete Choice Modelling, University of Sydney (2008)

Professional Affiliations

Member of Australian Coastal Society

Select Project Experience

Byron Bay Embayment Economic Analysis, New South Wales, Australia — Completed a fiscal and economic analysis of the costs and benefits of coastal management options, including managed retreat, terminal seawalls, beach nourishment, and combined approaches. Assets at risk included private houses, public open space, and regional rail infrastructure.

Kingscliff Foreshore Management Option Cost-Benefit Assessment, New South Wales, Australia — Assessed different terminal seawall designs, sand nourishment, and managed retreat options for a campground and two sporting clubs facing imminent erosion impacts due to storm activity and variability in longshore sand supply. Options for detailed economic analysis were selected via engineering and regulatory feasibility screening, and further prioritized through structured community consultation using public meetings and multicriteria decision analysis (MCDA). The MCDA process examined non-monetary factors such as impacts on visual amenity, and the retention of natural shoreline function. The economic analysis looked at impacts on changes in beach width on recreational beach use, property damage and lost tourism revenue.



Assessment and Decision Frameworks for Existing Seawalls, Australia — Conducted an economic assessment of factors affecting decisions to repair, upgrade, or replace existing seawall structures. The project examined factors that influence the selection of management options, including erosion rates and assumptions about storm wave intensity and future sea levels.

Sydney Beaches Valuation Project, New South Wales, Australia — Estimated the nonmarket value of selected beaches in the Sydney region, to assist local and state government agencies in the selection of the most appropriate responses to existing coastal management pressures and the projected impacts of climate change. The project used a range of valuation methods, including the travel cost method, hedonic pricing, and surveys that integrated contingent behavior and valuation components.

Cost-Benefit Assessment of Three-Point Plan for Coastal Protection, Queensland, Australia — Estimated the economic benefits associated with a large navigational dredging and sand nourishment campaign. Values incorporated into the analysis included beach-related tourism and impacts on surf amenity through the targeted placement of sand to create improved surfing conditions.

Tweed Sand Bypass Social and Economic Impact Assessment, New South Wales, Australia — Estimated the economic impact of the Tweed River Entrance Sand Bypass Scheme, including valuation of beach recreation, surfing, commercial fishing, scuba diving, and recreational boating.

Beach and Surf Tourism and Recreation in Australia: Vulnerability and Adaptation, Australia — Assessed the existing economic importance of beaches and surfing locations in four case study locations around Australia, and analyzed the extent to which these values are threatened by climate change-induced beach erosion. This analysis employed both existing tourism research information and collection of survey information about coastal tourism and the likely behavioral response to natural hazards and reduced environmental quality.

Environmental Management System Performance Audit, Tourism Facility, Queensland, Australia — Reviewed the environmental performance of a leading ecotourism resort facility and alignment with existing policies and operating procedures. Included preparation of a new Environmental Management Plan to achieve the desired level of environmental performance.

Select Publications

Raybould, M., D. Anning, L. Fredline, and D. Ware. 2015. Urban beach venues: Vulnerability and sustainability in the face of climate change. *Int. J. Event Manag. Res.* 101:84–105.

Anning, D., D. Dominey-Howes, and G. Withycombe. 2009. Valuing climate change impacts on Sydney beaches to inform coastal management decisions: A research outline. *Manag. Env. Qual. Int. J.* 20(4):408–421.

Carley, J.T., I.R. Coghlan, and D. Anning. 2017. Coastal processes and management in Byron Bay, Australia. In: *Australasian Coasts & Ports 2017: Working with Nature*. Engineers Australia, PIANC Australia and Institute of Professional Engineers New Zealand. pp. 212–218.

Lazarow, N., M. Raybould, and D. Anning. 2013. Beach, sun, and surf tourism. In: *Handbook of Tourism Economics: Analysis, New Applications and Case Studies*. Tisdell, C. (ed). World Scientific Publishing. pp. 361–389.





D. Required Tasks & Deliverables

Tasks & Deliverables

Understanding

With our existing relationship with the County and history of working together, the BluePoint Planning and Rincon Team see this project as an excellent opportunity to leverage our collective knowledge, innovation, and focus to assist in making measurable progress in building resilience in the County. Our Team's main objective for the Adaptation Plan is to help the County prepare implementable adaptation strategies that target the greatest need, are timely, feasible, and complement or enable other partners and jurisdiction activities. We want to help the County create a functional and innovative plan that can be a model for others.

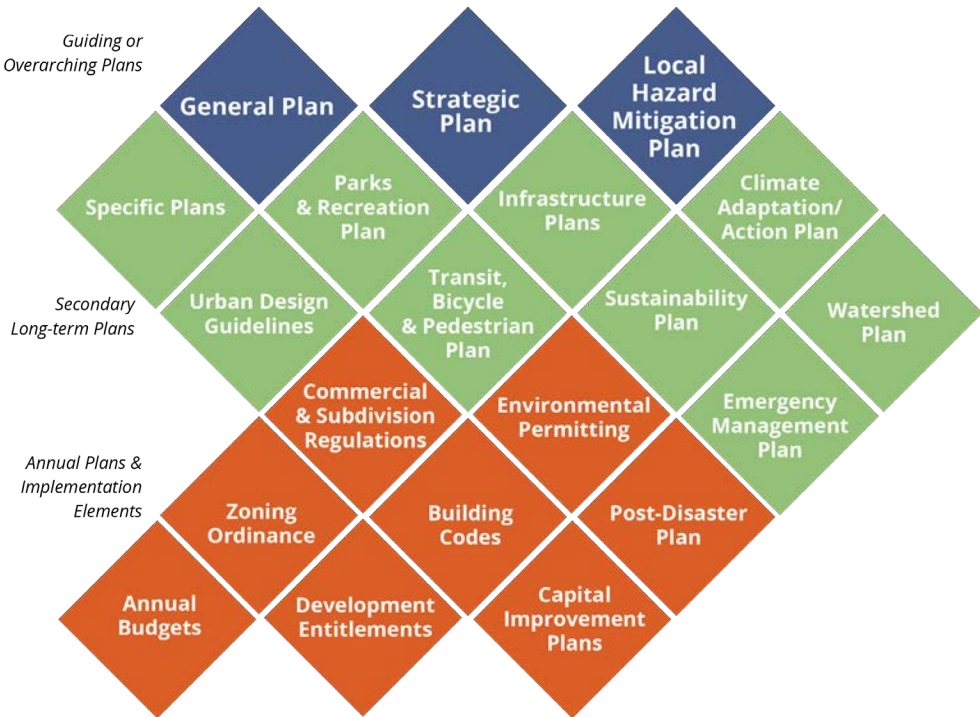
We recognize that the County has numerous other projects and activities occurring at the same time, the Climate Action Plan, Active Transportation Plan, ongoing COVID management, Safety Plan Update, to name a few. While developing an actionable adaptation plan, we will look for ways to align and leverage different activities and priorities with existing work and when we can, we will help other Departments and actors see how their current work can be a path to implementing adaptation and climate work. When we developed the Building Regional Resilience toolkit, one of the major goals for that effort was to reduce duplication of effort and to look for alignment. The graphic we developed for the Toolkit shown above illustrates how we can start this process.

Further, our objective is reflected in our approach that tiers adaptation efforts into three general categories: regional – those efforts that are applicable across multiple jurisdictions and have scalable impacts; local – those efforts that target highly vulnerable communities and assets that must be addressed in the

near- or mid-term; and long-term projects - those efforts that may be longer-term activities that will require multiple steps, activities, and stakeholders to implement. We intend to avoid preparing a laundry list of discrete adaptation strategies that the County would have to sort through and determine how best to prioritize, and instead offer strategies that address multiple objectives, anticipate cascading risks, and align with funding streams and financing mechanisms. The strategies will also be designed to address underlying inequities which contribute to climate vulnerabilities.

Approach

The BluePoint/Rincon Team (Team) will offer the County of Santa Barbara an innovative and integrated approach to a new climate adaptation plan that is actionable, focused, and supported by stakeholders. To do this we will assist the County to implement an iterative process that seamlessly aligns key planning, technical analysis, and engagement activities so that each phase of work is informed by data and community values. We believe we can help the County create a new model for adaptation planning that helps to build and fund Countywide resilience.



Tasks & Deliverables

Our Team is uniquely able to deliver this approach by having the experience working closely together on previous projects, assisting the County of Santa Barbara on its Climate Action Plan, as well by leveraging the strengths of our individual team members.

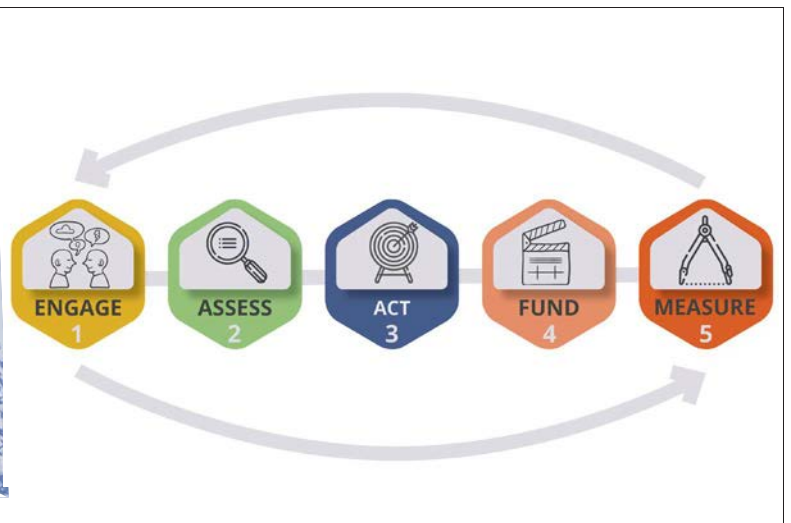
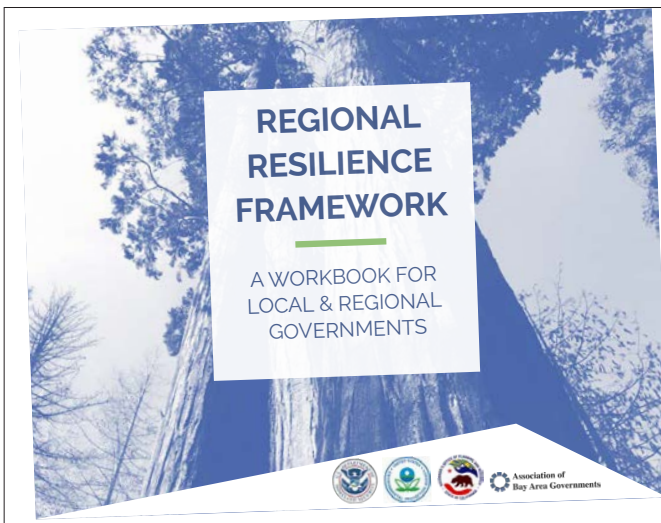
BluePoint Planning, with Mindy Craig as the project manager and principal-in-charge, will be the lead consultant, working in close partnership with Rincon. Mindy and BluePoint bring its skill as community planners, strategists, climate professionals, and outreach experts. Rincon will offer its deep bench of technical capabilities in climate adaptation, including experts skilled at providing nature-based adaptation solutions, innovative wildfire and agricultural best practices that integrate carbon sequestration with adaptation to more strategically unlock state funding, and holistic strategies that address underlying economic, social, and institutional inequities for frontline communities.

Mindy was the lead consultant and co-author of the Building Regional Resilience Toolkit, a guidebook that provides jurisdictions at all scales of government the resources to establish regional scale actions that build resilience to climate change. Unlike most guidebooks, the Toolkit includes several chapters, tools, and resources focused on implementation, including guidance on preparing short-term and long-term implementation action plans and strategies to develop long-term funding streams. Reema Shakra

with Rincon co-authored the Southern California Climate Adaptation Planning Guide which provides a compendium of tools, resources, and best practices to efficiently advance the climate adaptation planning process for counties and cities in Southern California. Similar to the Toolkit, the Guide was implementation-focused, and included metrics and indicators for regional and local entities to track progress in adapting to climate change.

Our approach and scope of work are informed by the need for a streamlined, affordable approach and by the opportunity to create an innovative plan that offers the County a clear adaptation pathway that can be implemented effectively and immediately. While we recognize the strong possibility for additional funds to allow for a larger and deeper effort, our approach will provide a strategic lens to make the County's effort as effective.

Many adaptation planning efforts focus on creating long lists of strategies that are hard to prioritize and implement. We intend to establish an implementable plan by working with the County to identify high value and high impact focus areas and strategies to support and enhance the County's resilience. We envision an adaptation strategic framework that tiers efforts in three general categories: **regional** – those efforts that are applicable across multiple jurisdictions and have scalable impacts; **local** – those efforts that target highly vulnerable communities and assets that must



Building Regional Resilience Workbook and key Adaptation Steps

Tasks & Deliverables

be addressed in the near- or mid-term; and **long-term projects** - those efforts that may be longer-term activities that will require multiple steps, activities, and stakeholders to implement.

Scope of Work Phases

The scope outline generally follows the detailed scope that was presented in the RFP. However, to streamline and find efficiencies, we recommend a different pacing and grouping as laid out in the following four phases. This approach is also reflected in the Process Graphic presented on Page A.5.

Phase 1. Alignment & Focus

In the first phase, the BluePoint/Rincon team will conduct an extensive review of existing documents, materials, and plans to set the foundation for a solid planning effort that avoids duplication and fills gaps. We will establish our stakeholder list, building on the work from the Climate Action Plan, the Equity and Outreach Advisory Group, and the CCVA. We will develop an Outreach and Engagement Plan, outreach goals, and the first phase of outreach materials that align with County resources and needs. The Baseline report will be developed to summarize key findings and assist in identifying our initial planning focus areas. Focus areas could be centered around asset groupings (such as, ecosystems, frontline communities, economic drivers), highly vulnerable geographic areas (areas with overlapping climate hazards), and regional systems (water infrastructure).

Phase 2. Problem Statements

Based on activities in Phase 1, the Team will develop initial problem statements in coordination with the County and Core Team. We will then implement a comprehensive stakeholder engagement “window” with a series of activities to reach all the key stakeholders in the county to evaluate and engage around those problem statements. We will also use this time to establish a vision and goals, building on work done during the Climate action planning effort. Activities will likely be a combination of small group meetings and roundtable meetings for informed and heavily engaged stakeholders, the various unincorporated communities,

Appendix B Step 3. ACT Worksheets and Tools

3.5 Strategy Development and Implementation

STRATEGY DEVELOPMENT INFORMATION							
Problem statement							
Strategy name							
Strategy summary							
Hazard(s) addressed							
Strategy type	Operational	Programmatic	Plans, Regulations, and Policy Development	Capital Improvement/ Infrastructure Project	Education/ Outreach/ Coordination	Evaluation	
Process/ implementation mechanism	Long Range Planning	Land Use Planning	Capital Planning	Operations	Emergency and Hazards Planning	Project Planning and Design	New Initiatives
Responsible agency							
Partners							
STRATEGY IMPLEMENTATION INFORMATION							
Priority (evaluation score)							
Actions/ activities							
Staff lead							
Cost estimate							
Benefits (losses avoided)							
Potential funding sources							
Timeline							
Related policies							

Appendix B | Page 3.14

Interactive Worksheets for Stakeholders : Regional Resilience Toolkit

as well as a workshop, online information, and survey for the broader community. At the end of this phase, we will aggregate the findings and develop a Gaps and Needs Assessment and finalize the vision and goals.

Phase 3. Strategies & Priorities

Building on the Phase 2 activities, the Team will work closely with the County and the Core team to begin the development of the initial Adaptation Strategies and approaches, framing them at the Regional, Local and long-term project level. The Adaptation Strategy Evaluation Criteria and Screening Tool will incorporate equity considerations developed as part of previous projects with the Equity Advisory Committee that seek to avoid undue burdens on the County’s most vulnerable populations, address underlying historic and current inequities that contribute to climate vulnerability, and equitably distribute adaptation benefits. This tool will be presented to community members

Tasks & Deliverables

and stakeholders in the next round of engagement and refined as needed.

Similar to the engagement window in Phase 2, the adaptation strategies will be thoroughly vetted with stakeholders, including the development of an informative and interactive Storymap (or comparable tool). After completing a round of engagement, the Team and Core Team will refine the strategies, and begin the process of identifying priorities and essential dependencies that enable longer-term activities. Another community engagement workshop will help relate the strategies to the vision and goals. We anticipate preparing adaptation strategies that are consistent with Safety Element update requirements, a step Rincon has completed with over 30 communities throughout the state. If possible, the phase will be finalized with the funding and economic analysis tasks, including incorporating equity, public health, and resilience, et. al funding lens.

Phase 4. Plan Development & Adoption

Phase 4 will be dedicated to bringing all of the pieces of work together in the development of a dynamic and usable plan for the County's adaptation efforts. We will build out an implementation strategy and if funded, we will establish a regional implementation plan to accompany the final plan. (Please note that there may be some adjustments to timing based on this task that would be addressed with the County.) We will coordinate with the County on the form and design of the final plan. Preliminarily, we suggest that there is a public-oriented Executive Plan that is either in the form of a Storymap or digital tool that is interactive and graphically oriented with a companion Final Plan that is in a simpler format.



Regional Climate Protection Authority 5-year Implementation Graphic

Tasks & Deliverables

Scope of Work

Task 1. Project Management

This first task will set the stage for the entire contract, confirming the broad approach provided here and determining the detailed elements to develop the Adaptation Plan.

1.1 Kickoff Meeting

The BluePoint Team will meet with County staff at a kickoff meeting to review and confirm project goals and objectives, refine and update the schedule, discuss and refine the composition of the working group and their meeting schedule, as well as identify major questions and needs for the project – such as what does the final product look like, critical characteristics, the public review process, and so forth. BluePoint will provide a request for additional documents and information, files and other logistical needs for the project.

1.2 Project Team Meetings & Prep

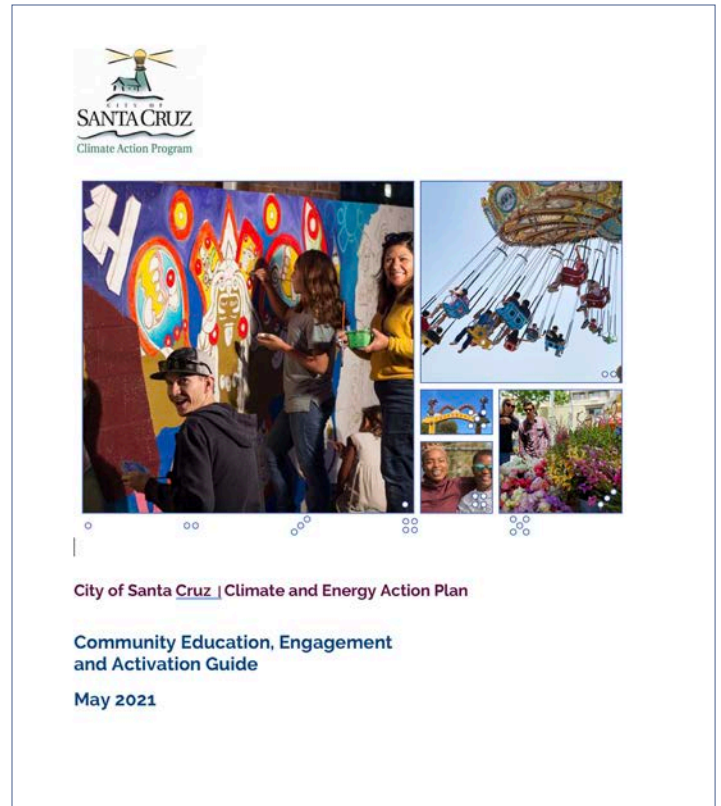
The BluePoint Team will hold project team meetings every other week to coordinate schedule and work efforts, manage and review deliverables, and to prepare for other meetings. These meetings will generally be 1 hour and held via Zoom. The consultant team will also meet every other week to prepare and manage work.

1.3 Translation and Interpretation Oversight, Typesetting

BluePoint will coordinate with and provide oversight of the County's consultant, Carlos Cerecado for translation and interpretation services. BluePoint will typeset new documents using the County's Spanish translated content for the outreach materials, storymap and plan.

Task 1. Deliverables

- Kickoff Meeting Agenda
- Ongoing Project Meeting Notes
- Schedule with key milestones
- Periodic Updates to Schedule



Task 2. Develop the Outreach and Engagement Plan

2.1 Implement the Outreach and Engagement Plan

An Outreach and Engagement Plan (OEP) provides a clear path and guide for effective and comprehensive stakeholder involvement that is tied to planning goals and objectives. The OEP will build off the previous CCVA Engagement plan and the Engagement efforts from the Climate Action Plan. It will include the outreach and engagement strategy and tactics for each phase of the project, key audiences, the messages, reach methods (person-to-person, online/email, print, social media, local online news, etc.) and channels. The implementation section of Plan will identify when specific activities will occur to get the highest impact, including materials and tools needed, key responsibilities, timeframe, ongoing activities, and an estimate of costs. The OEP will help to maintain consistency across all actors and optimize the effort. Further, the OEP will help to lay the foundation for a more equitable planning process with an intentional approach to engaging the most vulnerable frontline communities.

Tasks & Deliverables

The ongoing COVID-19 pandemic is still creating uncertainty in outreach due to concerns for in-person meetings. At the same time, after two years of using online tools, community members have adapted and are in some case more able and willing to participate virtually, especially in countywide activities that would otherwise require a long drive to an in-person event. The scope of work assumes that we will be conduct some level of in-person meetings, but most will be held virtually. We will strategize with the County to include digital and mobile, and in person outreach methods. We employ current technologies that enable large-scale summit like meetings online, as well as smaller interactive video meetings with a substantial amount of interaction and engagement.

Equity is an important part of this effort. In addition to coordinating with the County's Equity Advisory and Outreach Committee and working with Promotores, we will center the OEP in equity and inclusion. This is particularly important for youth and families, and low-income and minority populations who typically do not participate as frequently in these efforts and will require special attention and focused resources. Our approach to this complex effort is to ensure that the community feels engaged and is offered a varied, and valuable opportunities to provide feedback and input at each stage of the project. We will provide clarity, purpose and connection to the project and the community at all levels. This will be done by understanding the needs of various stakeholder audiences and creating specific strategies that can be targeted to their level of interest, desired engagement level, and particular interest areas.

To develop a robust engagement plan within the budget, we will work with the County to identify the right types of engagement for each stage. Below are some of the kinds of activities we have used successfully and will discuss with the County.

Potential Engagement Meetings and Events

- Stakeholder Interviews
- Listening Sessions
- Online and In-person Workshops/Open Houses
- Facebook Live events

- Real time polling
- Mural interactive exercises
- Pop-Up Mobile/Neighborhood Engagement Events
- Citizen Science Projects with ArcGIS
- City Council Constituent Meetings

Potential Engagement Tools

- Storymaps
- Videos
- Community Kiosks or large posters
- Online surveys
- Outreach toolkits for staff and stakeholders
- Talking Points/Project Frequently Asked Questions
- Meeting Announcements and/or flyers
- Comment Card/Feedback Tools
- Social Media Posts – free and paid
- Local News Outlets
- Enewsletters, e-blasts, and more.



Recent example of a communications toolkit.

Tasks & Deliverables

2.1 Implement the OEP

The elements of the OEP will inform the overall engagement tasks and activities. For planning purposes we have scoped four rounds of engagement that will occur in concert with the development of major planning milestones. These activities are highlighted in the tasks below. They are arrayed somewhat differently than what is outlined in the RFP but overall captures the intent and purpose of a robust and inclusive engagement process. We will work closely with the County to discuss and leverage as many opportunities outside of this plan to extend our reach. The following are several elements that will be managed under this task:

Website Content and Management

The Social Pinpoint website needs to be fresh and updated on a regular basis. We will work with the County to develop fresh content, at key milestones, and help to strategize about which modules to use within the tool, or when to link to external tools.

Social Media and Outreach Tools

BluePoint will develop four rounds of outreach tools to support and provide information about key milestones in the project, including advertising upcoming events, activities, or products for review. This will include social media posts, short newsletter blurbs and other key information to share with partners and other departments. This may also include meeting flyers, FAQs, and similar items. The budget for this task is not to exceed and will inform how many and what level of tools can be developed. Materials will be printed and distributed by the County. If Spanish or other language translations are desired, that will be budgeted separately.

Notes:

In order to manage the budget, Press Releases have been moved to an optional task. It is likely that the content developed for the Website and outreach tools will be a solid basis for the County staff to craft press releases if necessary. Logistics and management of Core Team engagement is included in tasks below.

Task 2 Deliverables

- Draft and Final Outreach and Engagement Plan as outlined in the RFP
- Web Content
- Social Media/Communication Materials for 4 Rounds

Task 3. Develop Baseline Report

3.1 Identify Focus Areas

While climate change has the potential to impact all community members and a multitude of natural, managed, and built assets, some community members and assets will be more affected than others. Therefore, it is critical to identify focus areas based on the findings of the Climate Change Vulnerability Assessment (CCVA). We will concentrate on vulnerabilities that scored a 4 or 5 in the CCVA and highlight those that have multiple assets and hazards. These focus areas will help the County develop adaptation strategies that target places, assets, and people with the highest needs. Focus areas will be identified in close consultation with County Staff and the Core Team as part of meetings under Task 1.2 and 1.3. Focus areas could be centered around asset groupings (ecosystems, frontline communities, economic drivers), highly vulnerable geographic areas (areas with overlapping climate hazards), and regional systems (water infrastructure). In addition, focus areas may consider geographic implementation related to region-wide policies and projects, localized projects that encompasses a broad area such as Cuyama Valley, or site-specific areas such as in Isla Vista.

Deliverables

- Identification of focus areas, based on geography; type; and priority

Tasks & Deliverables

3.2 Problem Statements

The Team will develop initial problem statements to engage the Core Team and stakeholders in the Outreach efforts discussed in Task 4.2. The Problem Statements will describe the key vulnerabilities and potential consequences for each asset from particular hazards and highlight areas where multiple assets or hazards will be in play. The Team proposes using the interactive worksheets developed in the Regional Resilience Toolkit to engage and work with the Core Team and Stakeholders to refine and finalize the problem statements. We will coordinate this effort with the development of Task 6.2. We feel establishing an initial Criteria and screening tool early will ensure that the effort will be targeted and actionable. Final Problem Statements will be included in the Final Gaps and Needs Assessment

Deliverables

- Draft Problem Statements

3.3 Identify Existing Adaptation Efforts

Rincon will collate a list of climate adaptation programs, adopted policies, and actions that are in place based on information collected as part of the CCVA and a review of key plans, including the County's Environmental Justice and Housing Elements, the Multi-Jurisdictional Hazard Mitigation Plan, and the Climate Action Plan which the project team is currently assisting the County in preparing. Rincon will conduct a survey of the members of the Core Team and County staff to identify programs and projects being administered by partner entities, including community-based organizations, special districts, and other agencies. Rincon will leverage our proprietary Measure Analysis and Success Tracking (MAST) Tool to complete an analysis of adaptation-related programs, policies and actions. MAST allows Rincon to evaluate the quality and progress of actions included in sustainability-related planning documents in an intuitive interface. The MAST tool will help to identify implementation barriers to better inform adaptation strategies as part of Task 6. The tool will also be utilized to tag each program, policy or action with key descriptors, including climate hazards and

assets that are being addressed, the geographic scope of the plan area, overlapping policy themes with other planning documents.

Gather information and details

To facilitate external entities' ability to utilize the tool and to provide the necessary information, the Team will use a combination of simple survey tool, targeted emails and phone calls, as well as virtually attend existing meetings regularly held by the entities to present the mapping tool and explain the project objectives. We assume we would attend up to 5 virtual meetings, for up to 30 minutes each. We also assume that County staff will support this task by providing contact information of external entities and providing support with soliciting input.

Develop a mapping tool to capture projects in an ArcGIS format that could be shared and updated over time.

There are many adaptation-related initiatives being conducted throughout the County by entities such as the Santa Barbara County Fire Safe Council, Community Environmental Council, Beach Erosion Authority for Clean Oceans and Nourishment (BEACON), and many more. Therefore, understanding what climate hazards are already being addressed by other entities and where they are occurring will be one of, if not the most critical component of this project. This will facilitate the prioritization of adaptation strategies for hazards and/or areas where there are major needs and where the County would be in the best position to utilize their authority and resources for implementation.

Due to the complexity of gathering this information, we propose soliciting input from outside entities on their resilience work to be facilitated with an easy-to-use interactive mapping exercise that Rincon has successfully deployed throughout California.

This is a web-based, GIS application that will allow the team to visually showcase where adaptation efforts are currently underway, along with key project and program information, including project/program lead, partner entities, funding sources, implementation timeline, type of climate hazards being addressed, communities and

Tasks & Deliverables

assets that will benefit, and a project/program contact. The tool will allow the County and its partners to directly input critical project/program information, add comments to locations and strategies, and modify with additional details to existing entries. The tool will help to facilitate an understanding where the gaps remain, to inform Task 3.4. The County may choose to embed the tool in the project's Storymaps as an external link for the public to access at no additional cost.

Assumptions

- The Core Team and County staff will identify programs and projects being administered by partner entities.

Deliverables

- Draft and Final MAST Tool (Microsoft Excel)
- Attendance at up to 5 virtual meetings, up to 30 minutes each
- Simple survey tool
- Draft Mapping Adaptation Tool (Web-App) for County review
- Final Mapping Adaptation Tool (Web-App) for deployment to external entities

3.4 Gaps and Needs Assessment

Based on the work conducted in the previous tasks, the Team will compile a Gaps and Needs Assessment in the form of a powerpoint presentation that can be used in Stakeholder meetings, Staff and Core Team Meetings. In addition, we will prepare a concise memo with additional details and recommendations to inform the next phase of work. This will include identifying policy areas, projects, initiatives, and other key adaptation needs and strategy areas. The Final Problem Statements will be incorporated and set the stage for the development of strategies for the next phase. This is the culmination of this task area and is the "Baseline Report"

Deliverables

- Gaps and Needs Assessment Presentation and Memo
- Final Problem Statements (developed in part in

earlier tasks)

3.5 Outreach and Engagement Round 1.

See Task 4.2

Task 4. Develop Vision and Goals

4.1 Develop Vision and Goals

We recommend tiering off the One Climate effort and the comprehensive vision being developed by the County to set the stage and vision for the Adaptation Plan. With that in mind, we propose focusing on establishing clear goals for the Adaptation Plan. Well-designed goals will be an important tool to ground the Adaptation Plan in the community values and ensure that implementation is supported. The One Climate Vision and Goals will serve as touchpoint through the rest of the project to orient stakeholders and the County to what the focus for the Plan should be. The Goals will be developed in concert with the discussion and evaluation of the problem statements.

4.2 Outreach and Engagement Round 2.

The following are the anticipated activities for Round 2 of the project engagement. The details of this phase will be refined in the OEP. There is flexibility to alter these activities to respond to specific needs or new opportunities within the allocated budget.

Small Group and Focus Group Meetings (3)

The BluePoint Team will help to plan, facilitate, and manage up to three small group focus meetings with the Core Team and other key stakeholders to evaluate and vet the initial problem statements, goals, and next steps. We will work with the County to determine the groupings for each meeting. It is assumed that each meeting will be approximately 1.5- 2 hours and held online. BluePoint will develop the engagement tools, including initial problem statements, worksheets, an agenda, and take notes for each meeting, tracking action items and next steps.

Community Survey

BluePoint Planning will develop a Community and

Tasks & Deliverables

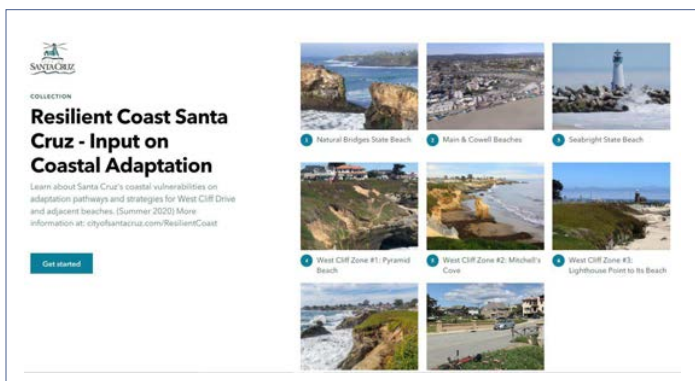
Stakeholder Survey for use by the Promotores and for distribution online to existing County channels, the website and local community and advocacy groups. The survey will include draft goals for comment, and potentially questions designed to support the problem statement development and criteria. Surveys are an excellent way to engage a large audience in the discussion within the timeframe identified for a reasonable cost. Findings will be incorporated into the Community Engagement Summary.

Community Online Workshop #1

BluePoint will work with the County to hold an online workshop for community members and stakeholders to learn about the Problem Statements and participate in a simplified activity (different than what is managed in the Small Groups) and help to formulate the Plan Goals.

Preparation - This task is to cover a range of preparation tasks for BluePoint, including developing and producing meeting materials such as session agendas, interactive exercise materials, meeting information, MURAL for interactive notetaking, and similar activities.

Workshop – BluePoint in coordination with the County will facilitate, manage each meeting. BluePoint will work with the project team to develop materials and if needed a presentation. Mindy will graphically record the discussion on large sheets of paper (or MURAL online) that allow participants to actively see that their comments are heard, enhancing transparency and



Santa Cruz Resilient Coast Storymaps

overall buy in.

Meeting Summary - BluePoint will provide a summary of the meeting findings to incorporate into the Community Input Summary Memo.

Community Input Summary Memo

BluePoint will develop a Community Engagement Summary with the key takeaways from the engagement to date, including the analysis of the survey results. This will be a high-level summary noting the activities that occurred and the key findings.

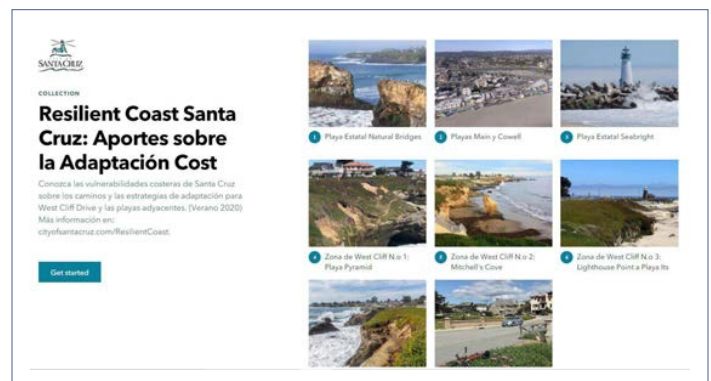
Deliverables

- Meeting agendas, materials, notes
- Community Survey – online and print versions
- Community Input Summary Memo

Task 5. Develop Climate Adaptation Primer

5.1 Storymap Development

BluePoint has developed numerous Storymaps for Adaptation projects as well as various other similar tools for relaying and sharing complex information with the Community. We will work with the County to outline and develop a Storymap or similar visual story telling tool to share information with stakeholders about the first stage of the project, including the vision, goals, focus areas, and problem statements. The tool will be designed to potentially add additional information in the



Tasks & Deliverables

future to encompass the entire Adaptation Plan at an executive summary level.

Deliverables

- Outline Primer
- Draft and Final Primer

Task 6. Develop Climate Adaptation Strategies

Throughout the project process, we will be taking steps to improve the County's understanding of where the highest needs are and developing holistic strategies such that the County can focus its finite resources on areas with the greatest priority. Prioritization of adaptation strategies is weaved into the following project tasks:

1. Task 3.1 Identifying Focus Areas - by relying on the scoring results of the Climate Change Vulnerability Assessment (ranked 4 or 5), we will be narrowing in on the communities and assets that are ranked the most vulnerable. This will still result in a long list of assets, so we propose to further narrow the focus by grouping similar assets and identifying geographic areas of highest the needs.
2. Task 3.4 Gaps and Needs Assessment - this step will allow us to identify the remaining gaps based on the understanding of what the County and external entities are currently doing in the resilience space.
3. Task 6.1 Develop Adaptation Strategy Concepts - this step will involve crafting adaptation strategies that promote multiple benefits, multi-sectoral, or regional-scale solutions, rather than crafting a long menu of discrete strategies. This will help to reduce the number of overall strategies for the County to sift through and promote a more comprehensive approach to building resilience.
4. Task 6.2 Tier and Screen Adaptation Concepts - this step will help to refine or even abandon adaptation strategy concepts that do not meet essential pillars of success. Strategies that lack funding and

financing tools, do not produce measurable impacts, are not equitable, are not technically feasible, do not facilitate structural change at the County, and/or are not facilitated with community and stakeholder partnerships will be revised or discarded to increase the likelihood of implementation success.

Our understanding of Santa Barbara County will also help increase the project team's ability to focus on the highest needs. For example, we understand that wildfire mitigation efforts are coordinated through the Santa Barbara Fire Safe Council membership network that includes County departments such as County Fire and Office of Emergency Management but also many other local fire agencies, State agencies, research entities, and non-profit groups. Due to this extensive network, the County has accomplished many community wildfire protection plans in the southern portion of the county, and continues to receive grant funding to implement these plans in these areas. Therefore, prioritization of County leadership and involvement to address wildfires may be focused on accomplishing more wildfire planning and mitigation efforts in the northern part of the County and engaging with the right partners to best consult on how the County can achieve this work. This is just one example related to one climate hazard; however, it demonstrates the type of information our project team may apply to help the County develop a strategic Adaptation Plan that prioritizes the greatest needs.

6.1 Develop Adaptation Strategy Concepts

Based on community engagement discussions to date, the Team will prepare preliminary adaptation strategy concepts that address focus areas and gaps developed as part of Task 3. Rincon has a multi-disciplinary team of biologists, environmental scientists, engineers, historians, archaeologists, and Native American tribal liaisons that has the technical knowledge and experience to inform best practices and innovative solutions that offer multiple benefits, including nature-based solutions, climate smart agricultural practices,

Tasks & Deliverables

and wildfire mitigation strategies. Rincon will also develop equity criteria to evaluate all measures and help identify gaps that will be addressed with using adaptation strategy concepts designed to address underlying inequities which contribute to climate vulnerabilities. This will include adaptation strategies that are paired with economic development, housing affordability, increased access to services, jobs, and public facilities and amenities, and improved health outcomes, among others, to go beyond simple adaptation concepts like increasing tree plantings and running cooling centers. Strategies will also account for cascading risks and anticipated complexity in emergency response by promoting multi-sectoral and regional-scale solutions. Multi-benefit adaptation strategy concepts will also be proposed to better position the County for future funding, including strategies that reduce carbon, restore natural resources, promote housing production, and other benefits prioritized by the state.

The draft concept strategies will be used as foundation for conversations and input in the engagement activities outlined below.

Compendium of Wildfire Policies

Rincon has developed a collection of best practices related to wildfire adaptation policies and programs from communities that have in recent years proved successful in mitigating the impacts and risks associated with wildfire events. Policies in this compendium center around community preparedness, disaster response, evacuation, fuels management, funding, integrated planning, post-fire recovery, and public outreach and education. Rincon has also developed successful case studies related to program implementation. For example, the Meyers/Christmas Valley Roof Replacement Program proved to be a successful preventive program last year as the Caldor fire blazed through El Dorado County. The communities saw noticeable decreases in damage in areas where defensible space and home hardening efforts were implemented.

As a result of this already completed work, Rincon can efficiently identify proven wildfire mitigation strategies that are relevant to Santa Barbara County.

6.2 Tier and Screen Adaptation Screen Concepts

The BluePoint Team is dedicated to ensuring the resulting Adaptation Plan is focused with clear priorities that are equitable and impactful. Work on this task will begin early in the process and be refined through the work in Task 3 and 4 to establish a criteria and screening tool that reflects the needs and values of the County. With that said, our experience indicates that high-quality adaptation planning is built around six essential pillars that result in implementable and effective resilience strategies. We will build our criteria based on the following:

1. Equitable and inclusive
2. Technically Feasible
3. Enables Structural Change
4. Ability to funding and financing
5. Leverages Collaborative
6. Provides measurable impact

The BluePoint Team will adapt and implement our evaluation tool, based input provided by the Core Team and stakeholders. We will evaluate and score the preliminary adaptation strategy concepts developed as part of Task 6.1 and present the final rankings of the adaptation concepts. Evaluating the adaptation strategy concepts at an early stage in the planning process against concepts of implementation and equity will help the County focus on strategies that are more likely to succeed and effect meaningful changes.

Deliverables

- Draft and Final Adaptation Strategy Evaluation Criteria and Screening Methodology
- Adaptation Strategy Concepts ranked by criteria scores

Tasks & Deliverables

6.3 Stakeholder Meetings

The BluePoint Team will participate in up to nine stakeholder meetings. Our team can take notes during the meetings to share with the County and facilitate, as needed. All meeting materials, logistics, and post-meeting follow up will be handled by the County. We anticipate that the materials and presentation developed for tasks 6.4, and 6.7 will be re-purposed for these workshops.

6.4 Small Group and Focus Group Meetings (3)

The BluePoint Team will help to plan, facilitate, and manage up to six small group focus meetings with the Core Team and other key stakeholders to evaluate, refine and prioritize the Adaptation strategies. We will work with the County to determine the groupings for each meeting. It is assumed that each meeting will be approximately 1.5- 2 hours and held online. BluePoint will develop the meeting tools, including worksheets, an agenda, and take notes for each meeting, tracking action items and next steps.

6.5 Develop Adaptation Strategy

Once the adaptation concepts have been refined as part of Task 6.1 and 6.2, Rincon will develop adaptation strategies for public comment and review by the Board of Supervisors. Rincon will avoid creating long lists of strategies that are hard to prioritize and implement. Instead, the adaptation strategies will follow a framework that groups strategies into three general categories:

1. **Regional** – efforts that are applicable across multiple jurisdictions and unincorporated areas, across systems and processes, and have scalable impacts that provide for multiple benefits.
2. **Localized** – efforts that target highly vulnerable communities and assets that must be addressed in the near- or mid-term.
3. **Long-term** - projects that may be longer-term activities that will require multiple steps and activities and must leverage partners to implement.

The adaptation strategies will be designed to address multiple objectives, anticipate cascading risks, and align with funding streams and financing mechanisms. They will also meet Government Code Section 65302(g) to allow for a seamless integration with the County's Safety Element update.

The adaptation strategies will be built into an interactive excel spreadsheet that tags each strategy with the following information: climate hazards, assets, co-benefits, strategy type (project or program), strategy categories as listed above (regional, local, long-term), implementation lead, partners, cost range estimate, timeframe for implementation, geographic area, climate triggers, outcome-based tracking metrics, and measures of success.

Deliverables

- Draft and Final Adaptation Strategies and Framework

6.6 Prioritize Adaptation Strategies

The process established in Tasks 6.1-6.5 and the approach the project team intends to take to prepare meaningful strategies rather than a laundry list of actions the County must take should result in adaptation strategies that are already prioritized. Therefore, the project team recommends that Task 6.6 per the RFP be modified to only include the preparation of strategy evaluation criteria for use by the County for subsequent planning efforts on adaptation. Rincon will work with the County and Core Team to develop a prioritization criterion to assist the County in future strategy prioritization decisions. Criteria could include: the effectiveness of the strategy, whether the strategy addresses underlying institutional and social inequalities, the legal risk of the strategy, the benefits to watershed health or wildlife habitat, the complexity of the associated permit process, availability of funding, alignment with existing plans and processes, and others.

Deliverables

- Strategy Evaluation Criteria

Tasks & Deliverables

6.7 Outreach and Engagement Round 3.

The third round of outreach and engagement will be informed by the OEP but will at minimum include opportunities for digital engagement and a community workshop or similar event. We propose the use of a tool such as Consider.It to help to evaluate the strategies and provide transparent and simple approach for stakeholders and community members to participate in the development of the Final Strategies. This approach was successful in the Climate Action Planning strategy phase and was used both with community members as well as with stakeholders and County staff. Consider.It would also be used by Promotores. If an in-person tool is desired, we will create handouts or similar for the activity. Translation is not included in this task.

Deliverables

- Digital Engagement Tool + Promotores handout
- Community Workshop/Event Planning, Agenda, engagement materials

Task 9. Implementation, Monitoring, and Evaluation Framework

Placing a greater emphasis on implementation and monitoring aligns with our Team's approach to provide Santa Barbara County with the tools and frameworks to transform adaptation strategies formulated as part of this process into actual on-the-ground projects and programs that target the most vulnerable communities and assets. Our proposal includes the preparation of an Implementation Framework with monitoring metrics, among other descriptors. Tracking and monitoring, in particular, must be aligned with the County's level of capacity to track and monitor their efforts – across the Departments and for the lead Department.

To further add value, we have augmented the budget for this task to conduct a deeper dive into identifying easy-to-track outcome-focused metrics, based in part on ICARP's Resilience Metrics White Paper (2022) which the Rincon Team was closely tracking through regular attendance at ICARP TAC Resilience Metrics Work Group meetings. Further, for the Building Regional

Resilience Toolkit, Mindy led workshops in Santa Barbara County and authored the Tracking and Monitoring Chapter, including assessing a variety of different approaches to monitoring and tracking progress in adaptation.

Our Rincon Team member, Reema Shakra, co-authored the Principles and Metrics toolkit for the Southern California Association of Governments, which was presented and discussed at the ICARP TAC meetings. We also augmented the budget to more closely rely on the feedback provided under Task 9.3 Small Group and Focus Group Meetings to carefully incorporate tracking and integrating implementation into existing County government processes in consideration of limited staff time and capacity. Refinements to existing processes (e.g., County annual budgeting, Capital Improvement Plan updates) rather than creating new processes or separate programming will increase the likelihood that County departments follow-through on commitments established through this process.

Our proposal also includes the development of the ADAPTDash tool to facilitate tracking of implementation. ADAPTDash will be a web application that serves as a component of Rincon's existing CAPDash tool which tracks mitigation measures. Since Rincon is leading the Santa Barbara County Climate Action Plan and will deliver the CAPDash tool as part of that process, we can provide cost efficiencies between both projects by conducting training with County departments on CAPDash and ADAPTDash at the same time. In addition, providing the County with one tool to track the implementation of both mitigation and adaptation will result in a more seamless and time-efficient approach by reducing the County staff's effort to learn how to use and manage two tools. We have augmented the budget to include more support for ADAPTDash by providing an additional 20 hours to support regular maintenance and updates.

The ADAPTDash and CAPDash tools can be shared with the public to improve transparency of the County's

Tasks & Deliverables

progress in meeting established goals and targets. The link to the tool can be embedded into the online Storymaps at no additional cost.

9.1 Prepare an Implementation Framework

To facilitate implementation and monitoring of the Adaptation Plan, the Team will prepare an Implementation Framework that provides a summary of each of the strategies, implementation timeframe, lead department, potential funding sources, any additional studies and environmental compliance needed, strategy triggers, monitoring metrics, and evaluation criteria in a tabular format. In addition, the Implementation Framework will provide a column for the lead department to take notes and track progress over time. Designing a comprehensive, yet succinct Implementation Framework will provide the County with a tracking mechanism that can be used over time as progress is made on individual and alternative strategies and be updated in future iterations of the Adaptation Plan.

This task takes the strategies from Task 6 and provides a clear framework and mechanism to detail who, how, and when strategies will be put into place, and what metrics to track to evaluate progress and successful outcomes. The implementation plan will focus on providing the most detail for short- and mid-term activities with less details for long-term projects. This task will enable us to have additional discussions about how to move priorities forward and if there are other dependencies that must be tackled before a priority strategy. For example, if one of the priority strategies is to “Design and build inland resilience and cooling hubs,” there are a number of steps that have to be done to make this go forward, such as, identifying locations to site hubs; working with utility/CCA/REN to develop partnerships; creating community support, etc. The implementation plan would flesh out those steps that are not immediately obvious. So similar to the graphic you shared, we would unpack those big strategies into their manageable parts, and indicate who is the lead, who is partnering, what the timeframe will be etc.

We will establish an implementation process framework that creates three separate approaches:

1. Projects, that will be designed and built (similar to the process flow chart you shared),
2. Policies and protocols that will be developed and implemented by the County or regional partner, and
3. Programs, such as neighborhood readiness, communications, awareness, etc.

The Implementation Framework will guide the County to reach its long-term goals. It is anticipated that the Implementation Framework will be completed in either Microsoft Word or Excel, depending on the preference of the County

Deliverables

- Draft and Final Implementation Plan

9.2 Prepare a Monitoring, and Evaluation Framework

Task 9.2 is the ongoing management task of evaluating and monitoring the implementation plan using the CAPDash tool. This is a tool to facilitate implementation and tracking for the County. A key to turning plans to progress is to prove implementation of the strategies and show progress with tracking metrics. To facilitate implementation and monitoring of the Adaptation Plan and to minimize future County staff resources needed for monitoring and reporting, Rincon has developed a user-friendly cloud based Adaptation Monitoring and Reporting Tool. Rincon’s fully automated web application, ADAPTDash, serves three purposes.

1. The first is to track the occurrence and associated impacts of climate-related hazard events to better understand the scale and type of impacts, and track climate change against climate projections (e.g., number of extreme heat days, flooding frequency and extent, rate of beach erosion). ADAPTDash will also track community indicators to understand population vulnerabilities and track changes over time (e.g., normalized difference vegetation index, # of heat related illnesses). These metrics can be updated as County-specific data becomes available.

Tasks & Deliverables

This will allow the County to actively track changes in the environment due to climate change and the associated risks with the County's vulnerable populations and assets.

2. The second major function of ADAPT Dash is to track the implementation of adaptation strategies over time. Rincon can upload final adaptation strategies into the tool and allow the County to track the progress of completing each strategy by each responsible department over time. This continuous update of progress can be viewed internally and publicly, which provides additional transparency and accountability.
3. Finally, the tool acts as an automatically updating dashboard which can display data internally by easily generating reports for staff, and externally to the public through a web-based dashboard.

Rincon will hold one virtual staff training on how to use the ADAPTDash to effectively monitor implementation and progress over time. This training will focus on reviewing the implementation and monitoring tables of the Implementation Framework, confirming department leads, and clarifying roles and responsibilities for measures and actions that overlap multiple departments. ADAPTDash would be provided for a one-time fee and does not include any subscription costs for the tools continued use.

Assumptions

- Training will be virtual and up to 2-hours in length.

Deliverables

- ADAPTDash wire frame for County review
- ADAPTDash platform configured for Santa Barbara County
- Facilitated training on ADAPTDash

9.3 Outreach and Engagement

Outreach materials and web content is covered in Task 2.1.

Small Group and Focus Group Meetings (3)

The BluePoint Team will help to plan, facilitate, and manage up to three small group focus meetings with the Core Team and other key stakeholders to review and refine the implementation framework. We will work with the County to determine the groupings for each meeting. It is assumed that each meeting will be approximately 1.5-2 hours and held online. BluePoint will develop the meeting tools, an agenda, and take notes for each meeting, tracking action items and next steps.

Deliverables

- Meeting agendas, notes, and materials

Task 11. Prepare the Adaptation Plan

The BluePoint Team wants to ensure that the resulting plan is actionable and a useful tool for the County, as well as a reference and tool for interested partners, stakeholders and community members. In recent years, there has been a movement to change typical plans that are printed and bound, or even offered as a pdf to something much more dynamic. We would like to work with the County to identify a final plan format that meets its objectives, budget and needs, and also provides this dynamic element. To that end, our scope is designed to create an interactive plan Executive Summary in the form of an interactive web tool or as a storymap. Any longer narrative or detail that is desired would be provided in a simpler and more straight forward Word document and design as a working tool rather than a public facing tool.

Accessibility Notes

BluePoint Planning can ensure the ADA compliance of public documentation through the conversion of final pdf documents into ArcGIS Storymaps. ArcGIS Storymaps supports accessibility by adhering to the World Wide Web Consortium's (W3C) Web Content Accessibility Guidelines (WCAG). Features that accommodate accessibility within ArcGIS include keyboard navigation, alternative text, suitable color contrast, semantic structure, and other accessibility design and feature considerations.

Tasks & Deliverables

The Rehabilitation Act, otherwise known as Section 508, mandates that federal agencies develop, acquire, maintain, and use information and communications technology (ICT) that people with disabilities can access. The development of the Building Regional Resilience Toolkit will include a detailed compliance process to accommodate Section 508 wherein (WCAG) are diligently followed to ensure the appropriate distribution of accessible software, websites, electronic documents, multimedia content, phones, or any other ICTs used to access federal services.

This process would become more complex for a Spanish Language version, and would require twice as much time to establish documentation plus additional costs for translating Alt. Text, etc.

Deliverables

- Plan Outline
- Draft and Final Executive Summary
- Draft and Final Word Plan Document/Report

Task 12. Decision Maker Hearing Participation (2)

Up to one BluePoint Team member will attend and present at up to two public hearings the Final Adaptation Plan to the County of Santa Barbara Board of Supervisors. The Team will prepare a draft and final PowerPoint presentation for use at both public hearings.

Assumptions

- The public hearings meeting will be 2-hours.
- The public hearings will be held virtually.

Deliverables

- Attendance at up to two public hearings
- Draft and Final PowerPoint Presentation

Task 13. Contingency As Needed Services

We have provided a contingency budget of \$21,500.

Optional Tasks.

If additional funding becomes available, the BluePoint Team will provide the services outlined in the RFP. The details in the RFP are robust but we anticipate working with the County to ensure that the proposed budgets are appropriate and meet the needs of the project. We will develop a detailed scope for these additional tasks as needed.

Task 1. Project Management

1.3 Translation and Interpretation Services

Task 2. Develop the Outreach and Engagement Plan

Press Releases (2-3)

Task 7. Develop Funding Strategies

Task 8. Develop Focused Economic Analysis for subset of Strategies (Add-On)

Task 9. Implementation, Monitoring, and Evaluation Framework

9.4 Prepare a Regional Implementation Plan

Task 10. Plan Alignment

10.1 Plan Alignment Research and Best Practices

10.2 Plan Alignment Crosswalk



E. Cost Proposal

Cost Proposal

Proposed Budget

The following budget is a detailed line-item estimate of what we believe the tasks in the RFP will require. The totals are close to alignment with the allocated budget identified in the RFP Addendum, resulting in an overall cost just under \$175,000. We anticipate discussing specifics with the County if chosen.

There are several considerations that will impact the budget and need to be discussed and refined based on conversations with the County:

- In-person verses online meetings - we have assumed that most meetings will be virtual with the opportunity to have some critical ones in person.
- Only a limited translation services budget is included and would need to be an additional add on or leverage County resources to cover this element.
- We have provided for 12 total Core Team/Focus Group Meetings divided into 3 rounds and reflected in tasks 3/4, 6, and 9. If additional focus groups are needed additional funds or the reevaluation of the number of rounds will be required.
- Requirements for additional in depth technical expertise and/or the addition of optional tasks identified in the RFP.
- BluePoint Planning will be in charge of developing the Storymaps with some limited support from Rincon as needed for detailed mapping if necessary. Mindy Craig (\$190/hr) will oversee the design and development with Yeymi Rivas Reyes (\$135/hr) and Support staff (\$110) pursuing the production.
- A one time cost for AdaptDash is included in Other Direct Costs . The ADAPTDash fee reflects a discount of \$2,500. This discount is provided because we are providing CAPDash for the County as part of the County Climate Action Plan.

We have additional consultants who may be added with the allocation of grant funds. Their hourly rates are as follows:

Arrietta Chakos - \$187/hour

Integral –

David Revell - Principal - \$290/hr

Cheryl Hapke – Senior Analyst 1 - \$260/hr

Dave Anning – Analyst 3 - \$210/hr

Matt Jamieson – Analyst 1 - \$190/hr

Digital Mapping Solutions + Esther Mandeno

\$230 per hour Training/Mentoring in GIS and/or 3D Modeling

\$210 per hour Fire Planning and Natural Resource Management Consulting

\$165 per hour GIS Consulting

\$165 per hour GPS Mapping Services (in field, includes GPS rental)

Additional Consultant Hourly Rates

Cost Proposal

			BluePoint Planning						Rincon						Mapping		Total Task					
			Mindy Craig		Project Associate		Project Coordinator		Eric Feldman		Reema Shakra		Marty Meisler						Lexi Journey		Camilla Boboroff	
			Principal/PM		Project Associate		Project Coordinator		Principal		Adaptation Program Manager		Nature-based Solutions Specialist						Senior Planner		Planner	
Hourly Rates			190		135		110		295		245		245		212		145		140		Hours	Cost
FUNDED Tasks			Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1. Project Management																						
1.1	Kickoff Meeting	BPP/Rincon	4	\$760	4	\$540	1	\$110		\$0	4	\$980		\$0		\$0	4	\$580		\$0	17	\$2,970
1.2	Project Team Meetings & Prep, Project Admin.	BPP/Rincon	45	\$8,550	54	\$7,290	18	\$1,980		\$0	3	\$735		\$0		\$0	3	\$435		\$0	123	\$18,990
1.3	Translation and Interpretation oversight and typesetting	BPP		\$0	24	\$3,240	20	\$2,200		\$0		\$0		\$0		\$0		\$0		\$0	44	\$5,440
Subtotal Task 1			49	\$9,310	82	\$11,070	39	\$4,290	0	\$0	7	\$1,715	0	\$0	0	\$0	7	\$1,015	0	\$0	184	\$27,400
Task 2. Develop the Outreach and Engagement Plan																						
2	Develop OEP	BPP	8	\$1,520	24	\$3,240		\$0		\$0		\$0		\$0		\$0		\$0		\$0	32	\$4,760
2.1	Implement the OEP	BPP	8	\$1,520	30	\$4,050	8	\$880		\$0		\$0		\$0		\$0		\$0		\$0	46	\$6,450
Subtotal Task 2			16	\$3,040	54	\$7,290	8	\$880	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	78	\$11,210
Task 3. Develop Baseline Report																						
3.1	Identify Focus Areas	Rincon/BPP	8	\$1,520	4	\$540		\$0	1	\$295		\$0		\$0	4	\$848	32	\$4,640		\$0	49	\$7,843
3.2	Problem Statements	Rincon/BPP	8	\$1,520	4	\$540		\$0		\$0	8	\$1,960		\$0	4	\$848	16	\$2,320		\$0	40	\$7,188
3.3	Identify Existing Adaptation Efforts	Rincon/BPP	8	\$1,520	6	\$810		\$0		\$0	8	\$1,960		\$0	8	\$1,696	24	\$3,480	40	\$5,600	94	\$15,066
3.4	Gaps and Needs Assessment Memo	BPP/Rincon	16	\$3,040	30	\$4,050		\$0		\$0		\$0		\$0	4	\$848	24	\$3,480		\$0	74	\$11,418
Subtotal Task 3			40	\$7,600	44	\$5,940	0	\$0	1	\$295	16	\$3,920	0	\$0	20	\$4,240	96	\$13,920	40	\$5,600	257	\$41,515
Task 4. Develop Vision and Goals																						
4.1	Develop Vision and Goals	BPP	2	\$380	8	\$1,080		\$0		\$0		\$0		\$0		\$0		\$0		\$0	10	\$1,460
4.2	Outreach and Engagement Round 2.																					
	Small Group and Focus Group Meetings (3)	BPP	14	\$2,660	26	\$3,510	4	\$440		\$0	6	\$1,470		\$0		\$0	8	\$1,160		\$0	58	\$9,240
	Community Survey	BPP/Rincon	2	\$380	16	\$2,160	4	\$440		\$0		\$0		\$0		\$0		\$0		\$0	22	\$2,980

Cost Proposal

		Lead/ Support	Principal/PM		Project Associate		Project Coordinator		Principal		Adaptation Program Manager		Nature-based Solutions Specialist		Senior Planner		Planner		Total Task			
Hourly Rates			190		135		110		295		245		245		212		145		140		Hours	Cost
	Community Online Workshop	BPP	4	\$760	12	\$1,620	4	\$440		\$0		\$0		\$0		\$0		\$0		\$0	20	\$2,820
	Community Input Summary Memo	BPP	2	\$380	8	\$1,080		\$0		\$0		\$0		\$0		\$0		\$0		\$0	10	\$1,460
	Subtotal Task 4		24	\$4,560	70	\$9,450	12	\$1,320	0	\$0	6	\$1,470	0	\$0	0	\$0	8	\$1,160	0	\$0	120	\$17,960
Task 5. Develop Climate Adaptation Primer																						
5.1	Storymap Development	BPP/Rincon	8	\$1,520	24	\$3,240		\$0		\$0		\$0		\$0		\$0	8	\$1,160		\$0	40	\$5,920
	Subtotal Task 5		8	\$1,520	24	\$3,240	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	8	\$1,160	0	\$0	40	\$5,920
Task 6. Develop Climate Adaptation Strategies																						
6.1	Develop Adaptation Strategy Concepts	Co-lead	8	\$1,520	16	\$2,160		\$0	6	\$1,770	8	\$1,960	16	\$3,920		\$0	16	\$2,320		\$0	70	\$13,650
6.2	Tier and Screen Adaptation Screen Concepts	Rincon	4	\$760	4	\$540		\$0		\$0	3	\$735		\$0		\$0	16	\$2,320		\$0	27	\$4,355
6.3	Stakeholder Meetings (9)	BPP	9	\$1,710	9	\$1,215		\$0		\$0		\$0		\$0		\$0		\$0		\$0	18	\$2,925
6.4	Focus Group Meetings (3)	BPP	14	\$2,660	26	\$3,510	4	\$440		\$0	8	\$1,960		\$0		\$0	8	\$1,160		\$0	60	\$9,730
6.5	Develop Adaptation Strategy	Co-Lead	12	\$2,280	24	\$3,240		\$0	4	\$1,180	6	\$1,470	4	\$980		\$0	32	\$4,640		\$0	82	\$13,790
6.6	Prioritize Adaptation Strategies	Co-Lead	4	\$760	16	\$2,160		\$0		\$0	2	\$490		\$0		\$0	12	\$1,740		\$0	34	\$5,150
6.7	Outreach and Engagement Round 3.	BPP	8	\$1,520	20	\$2,700	8	\$880		\$0		\$0		\$0		\$0		\$0		\$0	36	\$5,100
	Subtotal Task 6		59	\$11,210	115	\$15,525	12	\$1,320	10	\$2,950	27	\$6,615	20	\$4,900	0	\$0	84	\$12,180	0	\$0	327	\$54,700
Task 9. Implementation, Monitoring, and Evaluation Framework																						
9.1	Prepare an Implementation Framework	Rincon/BPP	8	\$1,520	4	\$540		\$0	1	\$295	1	\$245		\$0	32	\$6,784	16	\$2,320		\$0	62	\$11,704
9.2	Prepare a Monitoring, and Evaluation Framework	Rincon/BPP	4	\$760	2	\$270		\$0		\$0	1	\$245		\$0	8	\$1,696	28	\$4,060		\$0	43	\$7,031
9.3	Outreach and Engagement (Focus Group 3)	BPP	10	\$1,900	26	\$3,510	4	\$440		\$0	8	\$1,960		\$0		\$0	8	\$1,160		\$0	56	\$8,970
	Subtotal Task 9		22	\$4,180	32	\$4,320	4	\$440	1	\$295	10	\$2,450	0	\$0	40	\$8,480	52	\$7,540	0	\$0	161	\$27,705

Cost Proposal

	Lead/ Support	Principal/PM		Project Associate		Project Coordinator		Principal		Adaptation Program Manager		Nature-based Solutions Specialist		Senior Planner		Planner				Total Task		
		190		135		110		295		245		245		212		145		140		Hours	Cost	
Task 11. Prepare the Adaptation Plan																						
	Draft Plan	BPP/Rincon	16	\$3,040	48	\$6,480		\$0		\$0		\$0		\$0		\$0	12	\$1,740		\$0	76	\$11,260
	Final Plan	BPP/Rincon	8	\$1,520	24	\$3,240		\$0		\$0		\$0		\$0		\$0	4	\$580		\$0	36	\$5,340
	Subtotal Task 11		24	\$4,560	72	\$9,720	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	16	\$2,320	0	\$0	112	\$16,600
Task 12. Decision Maker Hearing Participation (2)																						
	Hearings (2)	BPP	12	\$2,280		\$0		\$0		\$0	8	\$1,960		\$0		\$0		\$0		\$0	20	\$4,240
	Subtotal Task 12		12	\$2,280	0	\$0	0	\$0	0	\$0	8	\$1,960	0	\$0	0	\$0	0	\$0	0	\$0	20	\$4,240
Task 13. Contingency As Needed Services (10%)																						
	Contingency Services			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0	0	\$21,500
	Subtotal Task 13		0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$21,500
	Total Professional Costs		254	\$48,260	493	\$66,555	75	\$8,250	12	\$3,540	74	\$18,130	20	\$4,900	60	\$12,720	271	\$39,295	40	\$5,600	1299	\$228,750
	Direct Costs (Travel, Materials, Translation, Digital Tools, AdaptDash)																					\$6,500
	Total Estimated Project Costs																					\$235,250

Cost Proposal

Grant Funded or Add On Tasks

Task 1. Project Management																						
1.3	Translation and Interpretation Services	BPP		\$0	40	\$5,400	4	\$440		\$0		\$0		\$0		\$0		\$0		44	\$5,840	
	Additional Translation Services	3rd Party																			\$6,000	
	Subtotal Task 1		0	\$0	40	\$5,400	4	\$440	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	44	\$11,840
Task 2. Develop the Outreach and Engagement Plan																						
	Press Releases (2-3)	BPP	4	\$760	24	\$3,240	2	\$220		\$0		\$0		\$0		\$0		\$0		\$0	30	\$4,220
	Subtotal Task 2		4	\$760	24	\$3,240	2	\$220	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	30	\$4,220
Task 7. Develop Funding Strategies (Add On)																						
	Funding Strategies	BPP	8	\$1,520	16	\$2,160	2	\$220		\$0		\$0		\$0		\$0		\$0		\$20,000		\$23,900
	Subtotal Task 7		8	\$1,520	16	\$2,160	2	\$220	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$20,000	0	\$23,900
Task 8. Develop Focused Economic Analysis for subset of Strategies (Add-On)																						
	Economic Analysis	Integral	8	\$1,520	8	\$1,080	2	\$220		\$0		\$0		\$0		\$0		\$0		\$20,000	18	\$22,820
	Subtotal Task 8		8	\$1,520	8	\$1,080	2	\$220	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$20,000	18	\$22,820
Task 9. Implementation, Monitoring, and Evaluation Framework																						
9.4	Prepare a Regional Implementation Plan (Add On)		8	\$1,520	24	\$3,240	4	\$440	1	\$295	1	\$245		\$0	4	\$848	16	\$2,320		\$8,000	58	\$16,908
	Subtotal Task 9		8	\$1,520	24	\$3,240	4	\$440	1	\$295	1	\$245	0	\$0	4	\$848	16	\$2,320	0	\$8,000	58	\$16,908
Task 10. Plan Alignment (Add-On)																						
10.1	Plan Alignment Research and Best Practices	Rincon/BPP	2	\$380	16	\$2,160	2	\$220		\$0		\$0		\$0	24	\$3,480		\$0		\$0	44	\$6,240
10.2	Plan Alignment Crosswalk	BPP/Rincon	24	\$4,560	40	\$5,400	8	\$880		\$0		\$0		\$0	24	\$3,480		\$0		\$0	96	\$14,320
	Subtotal Task 10		26	\$4,940	56	\$7,560	10	\$1,100	0	\$0	0	\$0	0	\$0	48	\$6,960	0	\$0	0	\$0	140	\$20,560



Schedule

Proposed Schedule

The following schedule represents an 18 month schedule and would allow the proposed work to complete well in advance of the summer of 2024. We anticipate working with the County, if selected, to refine this schedule based on any additional tasks, and existing constraints on scheduling particular elements.

For project management needs, this schedule will be updated to reflect weekly work versus the current monthly timing. In addition, if grant funds are secured, we anticipate expanding this timeframe.

This schedule is best understood in concert with the process graphic presented on page A.5 and how the tasks will be integrated.

Schedule

		Project Months																	
Task	Lead	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Task 1. Project Management																			
1.1	Kickoff Meeting	BPP/Rincon																	
1.2	Project Team Meetings & Prep, Project Admin.	BPP/Rincon																	
Task 2. Develop the Outreach and Engagement Plan																			
2.1	Implement the Outreach and Engagement Plan	BPP																	
	Web Content Updates	BPP																	
	Social Media Outreach (4 Rounds)	BPP																	
Task 3. Develop Baseline Report																			
3.1	Identify Focus Areas	Rincon/BPP																	
3.2	Problem Statements	Rincon/BPP																	
3.3	Identify Existing Adaptation Efforts	Rincon/BPP																	
3.4	Gaps and Needs Assessment Memo	BPP/Rincon																	
Task 4. Develop Vision and Goals																			
4.1	Develop Vision and Goals	BPP																	
4.2	Outreach and Engagement Round 2.																		
	Small Group and Focus Group Meetings (6)	BPP																	
	Community Survey	BPP/Rincon																	
	Community Online Workshop	BPP																	
	Community Input Summary Memo	BPP																	
Task 5. Develop Climate Adaptation Primer																			
5.1	Storymap Development	BPP/Rincon																	
Task 6. Develop Climate Adaptation Strategies																			
6.1	Develop Adaptation Strategy Concepts	Co-lead																	
6.2	Tier and Screen Adaptation Screen Concepts	Rincon																	
6.3	Stakeholder Meetings (9)	BPP																	
6.4	Focus Group Meetings (6)	BPP																	
6.5	Develop Adaptation Strategy	Co-Lead																	
6.6	Prioritize Adaptation Strategies	Co-Lead																	
6.7	Outreach and Engagement Round 3.	BPP																	
Task 9. Implementation, Monitoring, and Evaluation Framework																			
9.1	Prepare an Implementation Framework	Rincon/BPP																	
9.2	Prepare a Monitoring, and Evaluation Framework	Rincon/BPP																	
Task 11. Prepare the Adaptation Plan																			
	Draft Plan	BPP/Rincon																	
	Final Plan	BPP/Rincon																	
Task 12. Decision Maker Hearing Participation (2)																			
	Hearings (2)	BPP																	



G. References

References

Santa Barbara County Climate Action Plan

(BluePoint Planning & Rincon Consultants)

Garrett Wong, Climate Program Manager
County of Santa Barbara | Sustainability Division
123 East Anapamu Street, 2nd Floor
Santa Barbara, CA 93101
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City of Santa Cruz Climate Action Plan

(Rincon and BluePoint)

City of Santa Cruz Resilience Coast Engagement

(BluePoint)

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County of Santa Clara Resilience Strategy and Collaborative

(BluePoint)

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Building Regional Resilience Toolkit

(BluePoint)

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Zero Carbon Multifamily Action Plan, et. al

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Excerpts from the Post-Project Evaluation for the EPA Building Resilience Toolkit:

“The Contractor exceeded expectations in completing all tasks in a timely manner and was very flexible with EPA in requests for extensions or schedule changes.”

“The Contractor wrote excellent first drafts of the final document, including very high-quality graphics and clear layout and presentation of information. The Contractor also did an excellent job of incorporating revisions and feedback before finalizing materials.”

“The Contractor has exhibited exceptional management of all tasks under this contract. The Contractor’s communications with EPA as well as partners in other federal and state agencies, as well as with local and nonprofit workshop recipients, were both very professional, well organized, and included exceptionally clear and concise communications for a wide variety of stakeholders from different levels of governments and from different disciplines.”



H. Insurance

Insurance

Following is a summary of BluePoint Planning's Insurance coverage in alignment with the RFP's requirements.

Insurance Type	RFP Requirements	BluePoint Planning Coverage
Commercial General Liability	No less than \$1,000,000 per occurrence and \$2,000,000 in aggregate.	\$2,000,000 per occurrence and \$4,000,000 per aggregate
Automobile Insurance	No less than \$1,000,000 per accident for bodily injury & property damage.	\$2,000,000 combined single limit
Workers' Compensation	No less than \$1,000,000 per accident for bodily injury or disease.	\$1,000,000 per accident or disease
Professional Liability	No less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate.	\$2,000,000 limit of liability and \$2,000,000 per aggregate for all claims

Acknowledgment

This is an acknowledgment of terms and conditions and the ability of BluePoint Planning to conform to these terms, as addressed in the County's standard contract that has been included in the RFP.