Title: California Resilience Challenge, Request for Proposals, 2020 Grant Program

Location: Citywide

Recommendation: Adopt a Resolution authorizing the City Manager or City Manager’s designee to: 1) apply for grant funding from the Bay Area-California Resilience Challenge, 2020 Grant Program, for an amount up to $200,000 with no match requirement; 2) execute the funding agreement and all documents related to the grant if awarded; 3) if awarded, establish the California Resilience Grant Program (G14200100); and 4) if awarded, establish revenue and expenditure budgets for an amount up to $200,000 in the California Resilience Grant Program (G14200100) in the Storm Drainage Grant Fund (Fund 6211).

Contact: Bill Busath, Director, (916) 808-1434; Gary DeJesus, Division Manager, (916) 808-5173; Chuong (Ryan) Pham, Business Services Manager, (916) 808-8995, Roshini Das, Sustainability Program Manager, (916) 808-6270; Department of Utilities.

Presenter: None

Attachments:
1-Description Analysis
2-Resolution
3-FOA-Grant Funding Opportunity
Description/Analysis

Issue Detail: The California Resiliency Challenge Grant Program (CRC) is a 2020 grant program provided by the Bay Area Council for planning projects targeted at improving resilience to climate challenges.

The City of Sacramento, Department of Utilities (DOU) is seeking approval to apply for up to $200,000 in grant funding from the CRC 2020 Grant Program to conduct Climate Adaption Planning for the Wastewater and Stormwater Infrastructure utilizing a tool from the Environmental Protection Agency (EPA) called CREAT (Climate Resilience Evaluation and Awareness Tool). The CREAT tool helps utilities understand and adapt to climate change by:

- Discerning which extreme weather events pose significant challenges to the utility and building scenarios to identify potential impacts;
- Identifying the critical assets and actions that can be taken to protect the utility operations; and
- Generating reports with the costs and benefits of risk reduction strategies.

The City of Sacramento declared a climate emergency on December 10, 2019; recognizing the existential threat of climate change and the urgent need for climate action. Threats to the City’s critical infrastructure from the climate challenges can be reduced by developing a clear understanding of the adaption measures that will help build resilience. This effort is also aligned with DOU’s Strategic Plan and Sustainability goal to develop climate adaption, mitigation, and resiliency plans for DOU’s infrastructure.

Policy Considerations: Council Resolution 2019-0248 requires City Council approval to enter into operating grants for more than $100,000.

Economic Impacts: None.

Environmental Considerations: The Community Development Department, Environmental Planning Services Division reviewed the proposed action and determined that the activity to apply for grant funds and execute all agreements and documents of compliance related to the grant is not a project pursuant to California Environmental Quality Act (CEQA) Guidelines 15378(b)(4). The activity is the creation of a government funding mechanisms which do not involve any commitment to any specific project that could result in a potentially significant physical impact on the environment and is not subject to CEQA. CEQA Guidelines 15060(c)(3).
Sustainability: The project is consistent with the City’s Climate Action Plan goal U3.1, to provide adequate and reliable sewer and wastewater facilities.

Commission/Committee Action: Not Applicable.

Rationale for Recommendation: City of Sacramento

Financial Considerations: The Project Agreement with California Resiliency Challenge will award the City a not-to-exceed amount of $200,000 in grant funding. The CRC grant does not require a match. If awarded, staff recommends creating a new Operating Grant California Resilience Grant Program (G14200100) and establish the reimbursement revenue and expenditure budgets not-to-exceed $200,000 in the Drainage Reimbursable Fund (fund 6211).

There are no General Funds allocated or planned for this project.

Local Business Enterprise (LBE): Not applicable

Background: The California Resilience Challenge is an initiative of the Bay Area Council Foundation, a non-profit corporation 501c(3) public policy advocacy organization of the nine-county Bay area, founded in 1945. The Challenge is a statewide effort to build local and regional climate resilience in the face of increasing climate threats by providing grants up to $200,000 for diverse, replicable, and innovative climate change adaption planning projects across California. The projects are selected for funding through a competitive process and the focus is on projects that can be completed within two years.

California and the Sacramento region are seeing the impacts of hotter temperatures and altered weather patterns. Projected changes in climate and extreme weather patterns have the potential to impact the City’s wastewater and stormwater infrastructure and operations. DOU staff is currently receiving training from US. Environmental Protection Agency (EPA) to utilize EPA’s CREAT tool. The tool will be utilized to identify climate threats when evaluating City’s wastewater and stormwater infrastructure and to develop adaptation options for further consideration. CREAT allows for risk assessments to be performed for current climate conditions and future conditions. CREAT also provides a consequence matrix that captures utility business impacts, equipment impacts, and environmental impacts as well as public health consequences.

The objective of this planning project is to utilize the most current climate science projections, apply climate change assessments, and provide risk and vulnerability assessments and recommendations for wastewater and stormwater infrastructure resilience with monetized adaptation strategies through 2040.
RESOLUTION NO. 2020 –

Adopted by the Sacramento City Council

March 10, 2020

Grant Application for the Bay Area-California Resilience Challenge, 2020 Grant Program

BACKGROUND

A. Climate change is forcing communities across California to become more resilient to drought, flood, wildfire, extreme heat, and rising seas. The Bay Area-California Resilience Challenge (CRC), a 2020 grant program, aims to anticipate and prepare for the impacts to reduce the damage from extreme weather events, as well as chronic, long-term shifts, including those resulting from or aggravated by climate change.

B. Taking steps today to adapt to climate change will yield significant future benefits for public health, safety, infrastructure, the economy, and the environment.

C. The City could receive up to $200,000 in grant funding. There is no match requirement for the CRC grant. If awarded, an operating grant project and budget will need to be established.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

Section 1 The City Manager or the City Manager’s designee, the Director of the Department of Utilities, is authorized to:

A. Apply for grant funding through the CRC, 2020 Grant Program;

B. If awarded, sign the funding agreement, prepare the necessary data, and execute all reporting, payment requests, and documentation of compliance applicable to the grant and completion of the project;

C. If awarded, establish the CRC Grant Program project (G14200100) and establish revenue and expenditure budgets for the grant award not-to-exceed $200,000 in the Storm Drainage Grant Fund (Fund 6211).
California Resilience Challenge

Request for Proposals, 2020 Grant Program

December 2, 2019 - Application Deadline 5pm, February 7, 2020
CALIFORNIA RESILIENCE CHALLENGE LEADERSHIP

Board of Directors

JP Morgan Chase & Co.

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1. Background

Climate change is forcing communities across California to become more resilient to drought, flood, wildfire, extreme heat, and rising seas. Climate resilience aims to anticipate and prepare for impacts to reduce the damage from extreme weather events, as well as chronic, long-term shifts, including those resulting from or aggravated by climate change. Taking steps today to adapt to climate change will yield significant future benefits for public health, safety, infrastructure, the economy, and the environment. However, California lacks dedicated funding for comprehensive, statewide climate adaptation planning. California’s extraordinary geographic, economic, environmental and cultural diversity calls for an equally diverse array of climate adaptation projects that can serve as a model for countries around the world.

Senate Bill (SB) 379, enacted in 2015, requires cities and counties to incorporate climate adaptation and resiliency strategies into their general plans. Specifically, SB 379 requires general plans to include the following features:

- A vulnerability assessment identifying risks climate change poses to the local government and the geographic areas at risk from climate change impacts.

- A set of adaptation and resilience goals, policies and objectives.

- A set of feasible implementation measures designed to carry out the goals, policies and objectives, including feasible methods to avoid or minimize climate change impacts associated with new land uses and the location of new essential public facilities outside of at-risk areas.

SB 246 (2015, Wieckowski) directs the Governor’s Office of Planning and Research (OPR) to establish an Integrated Climate Adaptation and Resiliency Program to coordinate regional and local adaptation efforts with state climate adaptation strategies. SB 1000 (2016, Leyva) further tasks municipalities, when updating their general plans, to include an environmental justice element identifying objectives and policies to reduce the unique health risks in disadvantaged communities, including pollution reduction, air quality improvement, and the promotion of public facilities. The Governor’s Office of Emergency Services (CalOES) may offer financial resources to prevent or lessen impacts from climate change.

To complement these and other climate change resilience planning efforts, the California Resilience Challenge is providing funding by means of its 2020 Grant Program for eligible resiliency planning projects aimed at improving local resilience to climate impacts, including drought, flooding (including sea level rise), extreme heat, and wildfire. Selected plans will be innovative and replicable for other locations, will help protect critical infrastructure and vulnerable communities, and will enjoy broad community support. A key goal of the California Resilience Challenge is to support a diversity of projects in terms of scale, type, and readiness with a focus on supporting planning projects that could fast track implementation.
2. About the California Resilience Challenge

The California Resilience Challenge is a statewide effort, led by businesses, utilities, and a diverse range of partners, to build local and regional climate resilience and to support a shared vision for a resilient California in the face of increasing climate threats. The Challenge is providing grants for diverse, replicable and innovative climate change adaptation planning projects across California. These projects will reflect California’s diverse geography and showcase leadership in climate change adaptation.

The California Resilience Challenge is an initiative of the Bay Area Council Foundation, a nonprofit corporation, qualified as a tax-exempt organization under section 501(c)(3) of the Internal Revenue Code. The Challenge is administered by the Bay Area Council, a business-sponsored public policy advocacy organization for the nine-county Bay Area that was founded in 1945. Learn more at bayareacouncil.org.

The California Resilience Challenge has a Grant Fund in excess of $2 million. The sources of the Grant Fund include businesses, utilities, nongovernmental organizations, and foundations. Donors to the Grant Fund are identified at ResilientCal.org/leadership.

3. Request for Proposals

California Resilience Challenge (CRC) is pleased to invite eligible local California public entities to respond to this Request for Proposals (RFP) for grants in support of climate resilience planning projects, with a preference for projects that will lead to implementation of resiliency infrastructure. (See definitions in Section 6.) Selected proposals will be for specific planning projects that will commence on or before December 31, 2020 and are to be completed by December 31, 2022. It is CRC’s expectation that individual grants will be awarded for between $100,000 and $200,000, but CRC reserves the right to make smaller or larger grants, and the right to award less than the maximum amount of its Grant Fund.

4. Eligibility

Local California public entities are eligible to apply for a CRC grant. Eligible entities consist of the following:

- California incorporated cities, whether or not charter cities
- California counties
- Local agencies and districts at the county level
- Joint Powers Authorities
- Special Districts such as, but not limited to, Geologic Hazard and Abatement Districts, Community Facilities Districts, Utility Districts and others
• California Native American Tribes

• Metropolitan Planning Organizations (MPOs)

• Councils of Governments (COGs)

Collaborations between public entities and non-profits are welcomed, but a lead agency should be clearly identified.

State-level entities, including the State of California and its departments, commissions and agencies, interstate compact entities, are not eligible for this program focused on local efforts.

5. Support and Other Funding

CRC may make grants that would provide the required match funding to release other funding or grant opportunities. CRC wishes to fund viable projects. If additional funding is needed in addition to the CRC funding for the project to be executed, details must be provided including the likely timescale for securing the additional funding. Proposals should include letters of support from the applicant’s lead (and supporting) department(s), and from project partners and local community organizations.

6. Evaluation Criteria

Eligible Projects
Eligible projects will consist of planning projects that are targeted at improving local or regional resilience to one or more of the following four climate challenges:

• Drought
• Flooding, including from sea level rise
• Extreme heat
• Wildfire

Project Evaluation Criteria
Competitive grants will address as many of the following criteria as possible, although it is understood that it is unlikely that a project would be able to address all:

• Is the resilience planning effort integrated with or can fast track project implementation/delivery?

• Does the project enjoy community support from elected officials, neighborhood associations, business and civil leadership organizations, environmental advocacy and environmental justice groups, etc.?

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1 "California Native American tribe" means a Native American tribe located in California that is on the contact list maintained by the Native American Heritage Commission for the purposes of Chapter 905 of the Statutes of 2004.
- Will the project help protect critical infrastructure?
- Will the project benefit disadvantaged or vulnerable communities, and will it help build or support leadership in those communities?
- Does the project achieve multiple benefits across sectors (e.g., public health and safety is enhanced while also improving environmental conditions)?
- Can the project leverage other sources of private, local, state or federal funding?
- Can the project be scaled to provide increased resilience in the future?
- Can the project can be replicated in other geographies?
- Does the project involve collaboration with neighboring jurisdictions?
- Does the project involve collaboration with the private sector?
- Does the project incorporate greenhouse gas emission reduction measures?

CRC encourages those public entities that have not yet progressed resilience planning in their jurisdiction to apply, as well as those who are further ahead.

**Eligible Project Examples**
The examples below are provided to illustrate the range of projects eligible for funding. They are not meant to be exhaustive and are listed in no particular order. Note that while there is a preference for CRC to fund planning projects designed for implementation of resilience infrastructure, the CRC is looking to fund a range of project types which may be earlier in the adaptation planning cycle.

- Infrastructure adaptation and resilience plans, including "green" or nature-based infrastructure planning.
- Additional modeling or feasibility studies to help fill knowledge gaps about vulnerabilities and/or costs and benefits; for example, a study to understand the impact of sea level rise on rising groundwater, or the combined impact of increased precipitation and sea level rise.
- Hazard mitigation plan updates coupled with deeper planning around some specific adaptation solutions.
- Climate vulnerability assessments.
- Integration of climate resilience planning considerations and strategies into existing plans, such as Local Coastal Programs and General Plans, including efforts to meet requirements of SB 379.
- Projects that enable, deepen or extend inclusive and equitable community participation in existing or new projects.
**Eligible Activities and Expenses**
Activities eligible for funding are those related to climate resilience planning. The focus of CRC is on use of its grants to leverage planning efforts across the state.

Examples of eligible activities include:

- Feasibility studies
- Public consultation, planning, and economic analysis
- Funding/financing analysis
- Conceptual drawings and design
- Data and geospatial analysis

Examples of eligible expenses include:

- Staff time
- Consultant time
- Community/stakeholder meetings and advisory groups (e.g. stipends, catering)
- Project-specific staffing
- Travel costs

**Ineligible Activities**

- The following activities are **not** eligible for CRC grants:
  - Projects not related to climate resilience planning.
  - Projects that do not improve local resilience against at least one of the four climate challenges: drought, flooding (including sea level rise), extreme heat and wildfire.
  - Projects that may inadvertently cause maladaptation or increase GHG emissions.
  - Engineering plans and design specification work.
  - Construction projects or capital costs, such as the building of a facility.

### 7. Grant Process

The following is an overview of the grant proposal evaluation process, including financial, contracting, subcontracting and legal requirements pertaining to the CRC 2020 Grant Program. Applicants are encouraged to review the contents of this section when developing their proposals.
Upon award of grant funds, grantees will receive more specific guidance, and will acknowledge and agree to comply with the terms of this RFP.

Application Review Process

All proposals submitted for the CRC 2020 Grant Program will be reviewed by the CRC Advisory Committee and administrative staff, who will review applications for eligibility, content, submission of proper documentation, meeting technical requirements, overall relationship to statewide planning efforts, and compliance with state planning requirements. Applications will be evaluated based on how well they describe the project, justify the need for the project and for the CRC funding, reflect the program evaluation criteria, and articulate a concrete scope of work and project timeline. Advisory Committee recommendations will be presented to the CRC Board for their consideration. The CRC Board will make a final determination on all grants in the Spring of 2020.

RFP Timeline:

- **December 2, 2019**: RFP opens
- **February 7, 2020**: RFP closes
- **February and March 2020**: Proposals reviewed and evaluated
- **April 2020**: Grant awards announced

8. **Grant Terms**

**Project Start Date**
The project must commence on or before December 31, 2020.

**Project Timeline**
Applicants must provide a timeline that outlines key tasks by month at a minimum (see Proposal Submittal Section).

**Completion Date**
All grant funds from CRC must be used to pay or defray project expenditures on or before December 31, 2022, and the project must be planned to be complete on or before December 31, 2022.

**Case Study**
CRC is looking to identify and share the lessons learned from this grant opportunity to inform other existing or new state grant programs. To this end, all grant recipients will prepare a short case study describing the project process, and completed project outcomes including maps, photos, drawings, etc. (as appropriate for the project type). A template will be provided (Word and PowerPoint).

Case studies should emphasize processes, or results that can be adapted or replicated for use in various parts of the state, as well as documentation of the involvement of disadvantaged
communities throughout the entire planning process, and any other lessons learned. These studies will be used to develop guidance for future resiliency and adaptation projects in the state.

Case study reports and presentation materials must be completed and delivered no later than three months after the completion of expenditure of CRC funds. Final case studies will be submitted to the Governor’s Office of Planning and Research for possible inclusion in the Adaptation Clearinghouse.

**Work Product**

All reports funded through the CRC Grant Program shall credit CRC financial participation on the cover or title page. An electronic copy of all final reports shall be forwarded to CRC.

Any reports or presentation materials funded through the CRC Grant Program are in the public domain and may not be copyrighted, sold, or used exclusively by any business, organization, or agency. Applicants must not transmit any material to CRC that the applicant considers to be confidential or proprietary. Any material the applicant transmits to CRC will be considered non-confidential and non-proprietary. This policy serves to avoid potential misunderstandings or disputes regarding ownership of ideas. To the extent that the applicant owns or controls any patent rights, copyright rights, trade secret rights, or any other intellectual property or proprietary rights that may be required for access to work product submitted under the CRC Grant Program, the applicant grants a license to such rights to any person accessing and using such work product. CRC reserves a royalty-free, non-exclusive, and irrevocable license to reproduce, publish, or otherwise use and to authorize others to use the reports for public purposes.

**Third-Party Contracts**

The agreements between a grantee and a sub-recipient, consultant, or sub-consultant are referred to as “third-party contracts.” Grantees will be expected to use and comply with their individual procurement procedures in awarding third-party contracts. Work for which a CRC grant is provided can only be contracted if it has been stated in the applicant’s Scope of Work and Project Timeline.

Grantees are fully responsible for all work performed by their sub-recipients, consultants or sub-consultants, and CRC shall not be liable to any of such entities for the performance by grantees. Grantees are responsible to ensure that all third-party contractors adhere to the provisions of this RFP.

**Grant Disbursement and Accounting**

CRC intends to disburse funds from a grant under the 2020 Grant Program in installments. The amount and timing of each installment, and the process for invoicing and disbursement, shall be determined by CRC in its sole discretion. The final disbursement shall be conditioned on a certificate by an authorized representative of the grantee certifying compliance with the terms of this RFP and verifying that the CRC funds have been or will be used for project expenditures reasonably incurred and required for project purposes. Each grantee shall also make financial reports, within 90 days after the end of each of its fiscal years, during the progress of the project and upon project completion, and provide reasonable evidence of project progress and project sources and uses of funds.

Each grantee shall maintain true and complete records of performance of work on the project and of the sources and uses of funds for such project, and shall maintain such records for a period of not less than 3 years after the later of completion of the project or the last disbursement by CRC.
CRC and its representatives may access such records on reasonable notice and during regular business hours for the purpose of confirming the grantee's compliance with the terms of this RFP.

9. Grant Disbursement and Accounting

CRC intends to disburse funds from a grant under the 2020 Grant Program in installments. The amount and timing of each installment, and the process for invoicing and disbursement, shall be determined by CRC in its sole discretion. The final disbursement shall be conditioned on a certificate by an authorized representative of the grantee certifying compliance with the terms of this RFP and verifying that the CRC funds have been or will be used for project expenditures reasonably incurred and required for project purposes. Each grantee shall also make financial reports, within 90 days after the end of each of its fiscal years, during the progress of the project and upon project completion, and provide reasonable evidence of project progress and project sources and uses of funds.

Each grantee shall maintain true and complete records of performance of work on the project and of the sources and uses of funds for such project, and shall maintain such records for a period of not less than 3 years after the later of completion of the project or the last disbursement by CRC. CRC and its representatives may access such records on reasonable notice and during regular business hours for the purpose of confirming the grantee's compliance with the terms of this RFP.

10. Proposal Contents

This section provides applicants with information regarding submittal of proposals for grants of funds from the CRC 2020 Grant Program.

Application Information
Applicants should present their proposal in Microsoft Word format using 12-point Times New Roman font or Microsoft Excel format. Proposals should include the following information:

| **Project Summary Description** | Provide a brief (approximately 500-word) summary description of the project, the agencies involved, the project start/end dates, the general project planning area, and why the project is necessary. The proposal should identify a lead agency with primary responsibility for the project.

If the project is part of a larger effort, please describe how the CRC-funded project would fit in, and provide the total budget of the overall project. |
| **Grant Amount Requested** | State maximum amount of grant that the applicant is seeking. CRC expects grants to be issued in quantities between **$100,000** and **$200,000**, but reserves the right to make smaller or greater grants. |
| **Description of Resilience Challenges Project Addresses** | Demonstrate that the planning efforts for which funding is sought are targeted at improving local or regional resilience to one or more of the following four climate challenges:  
• Drought  
• Flooding, including from sea level rise  
• Extreme heat  
• Wildfire  
If known, please describe the projected impacts by timeframe proposed for the project (e.g. increase in extreme heat days expected by 2050) |
| **Other Project Eligibility Criteria** | Applicants should also describe how the project responds to the criteria listed in section 6. |
| **State Law Requirements** | Is the proposed project mandated by state law? If so, explain how grant funds will extend or improve outcomes. |
| **Scope of Work** | Provide a detailed Scope of Work by task. This preferably should be detailed enough that it can be used to hire an external consultant or guide internal staff without further reworking (for the sake of efficiency). |
| **Project Timeline** | Provide a detailed proposed project timeline (preferably by month). Identify anticipated start and end dates, planning milestones, and dates when released funds would be required. |
| **Local Support and Approvals** | List entity departments and partners that support the project (and attach copies of available letters of support). Identify Planning Commission, City Council, Board of Supervisors, or other responsible body support that will be needed to proceed with projects that may be developed through the grant (letters of support not required). |
| **Other Sources of Funds** | Provide details if a potential CRC grant would provide the required match funding to release other funding or grant opportunities. Provide details of any additional funding that must be secured (in addition to the CRC funding) for the project to be executed. Describe project activities that will be funded in whole or in part by other funding sources. If there are in-kind contributions, state the basis for valuing such contributions. |
| **Uses of Funds** | Provide a budget summary, including the following major line items: Staff hours (salaries and benefits); professional service firms (lump sum per task); travel; and other costs. Distinguish between direct and overhead costs. |
| **Deliverables** | Describe the final products that will be produced at the successful completion of the project. A financing plan for a resiliency infrastructure project (such as government incentives, developer financing, third-party financing, public support, bond proceeds, issuance of new bonds) is a desired deliverable for infrastructure-focused planning projects (including those that are nature-based). |
| **Access to Site** | If access to private property is necessary for project planning efforts, describe plan for permission to conduct planning activities. |
11. Submittal Instructions

All grant proposals are required to be submitted via e-mail. An applicant may only submit one application package per e-mail. The required information outlined above must be attached to the e-mail, in Word or Excel documents.

Please submit your application package to resilience@bayareacouncil.org with “Resilience Proposal” in the subject line. Applications must be submitted via e-mail no later than February 7, 2020 by 5:00 pm. Hard copies will not be accepted, and late applications will not be reviewed.

12. Contacts and Additional Information

General Questions:
Adrian Covert, Vice President of Public Policy, Bay Area Council: resilience@bayareacouncil.org

Technical questions on project-specific aspects, from applicants that have limited experience in resilience project planning, may be directed by Adrian Covert for responses by representatives of AECOM.

Conference Call:
A call to discuss expectations for RFP and Q&A will be held on Friday, December 13 at 10am. Details and RSVP at https://www.eventbrite.com/e/california-resilience-challenge-rfp-walk-through-tickets-8405858411

13. Tools and Resources

The following climate adaptation tools and resources are intended to provide applicants with additional information that CRC considers relevant to resilience planning and its grant program. While the below resources are recommended, applicants are not required to consult or follow these tools and resources in developing their proposals.

**CalAdapt**
http://cal-adapt.org/
Cal-Adapt provides a view of how climate change might affect California. Find tools, data, and resources to conduct research, develop adaptation plans and build applications.

**California General Plan Guidelines**
http://opr.ca.gov/docs/OPR_COMPLETE_7.31.17.pdf
The Governor’s Office of Planning and Research (OPR) 2017 General Plan Guidelines provide guidance to help local governments incorporate climate resiliency goals and strategies into their general plans pursuant to SB 379.
California Adaptation Planning Guide
http://resources.ca.gov/climate/safeguarding/local-action/
The Adaptation Planning Guide provides guidance to support regional and local communities in proactively addressing the unavoidable consequences of climate change. It provides a step-by-step process for local and regional climate vulnerability assessment and adaptation strategy development.

Safeguarding California – California’s Climate Adaptation Strategy
http://resources.ca.gov/climate/safeguarding/
Safeguarding California is the strategy that organizes state government climate change adaptation activities, across a variety of state agencies. The Safeguarding California Plan was last updated in 2018.

ICARP Adaptation Clearinghouse
http://opr.ca.gov/planning/icarp/
The Adaptation Clearinghouse serves as a centralized source of information that provides the resources necessary to guide decision makers at the state, regional, and local levels when planning for and implementing climate adaptation projects to promote resiliency to climate change in California.

California’s Fourth Climate Assessment
http://www.climateassessment.ca.gov/
California’s Climate Change Assessments contribute to the scientific foundation for understanding climate-related vulnerability at the local scale and informing resilience actions, while also directly informing State policies, plans, programs, and guidance, to promote effective and integrated action to safeguard California from climate change.

Ocean Protection Council Sea-Level Rise Guidance
The State of California Sea-Level Rise Guidance reflects advances in sea-level rise science and addresses the needs of state agencies and local governments as they incorporate sea-level rise into their planning, permitting, and investment decisions.

California Coastal Commission Sea Level Rise Policy Guidance
https://www.coastal.ca.gov/climate/slrguidance.html
The California Coastal Commission’s Sea Level Rise Guidance provides recommendations for how to plan for and address sea level rise impacts, including a set of projections recommended for use in planning, permitting, investment, and other decisions.