



ICARP

INTEGRATED CLIMATE ADAPTATION & RESILIENCY PROGRAM

Technical Advisory Council Third Quarter Staff Report

Table of Contents

1. Actionable Research and Resilience Metrics.....	3
California’s Fifth Climate Change Assessment.....	3
Fifth Assessment Tribal Research Program	4
Science Advisory Group (SAG)	5
2. Decision Support Tools and Guidance	6
Adaptation Clearinghouse.....	6
Cal-Adapt	7
Planning and Investing for a Resilient California Guidebook Update	8
Climate Resilience Plan Alignment Toolkit.....	9
3. Building Partnerships and Leveraging Resources	10
Community Planning and Capacity Building Recovery Support Function	10
Community Development Block Grant – Mitigation (CDBG-MIT) Citizen Advisory Committee (CAC)	11
4. Funding and Financing	12
FEMA Cooperative Technical Partners	12
ICARP Extreme Heat and Community Resilience Program.....	13
ICARP Adaptation Planning Grant Program	14
ICARP Regional Resilience Planning & Implementation Grant Program	15
5. Climate Equity and Vulnerable Communities.....	16
Vulnerable Communities Platform.....	16
6. Additional Special Initiatives	17
California Climate Adaptation Strategy	17
The California Extreme Heat Action Plan.....	18

ICARP Programmatic Priorities

With guidance from the Integrated Climate Adaptation and Resiliency Program (ICARP) Technical Advisory Council, and building on the 2023 ICARP Impact Report, ICARP staff implement a suite of programmatic priorities. Regular programmatic updates, organized by the following Council priorities, are summarized through these quarterly staff reports.

Actionable Research and Resilience Metrics

Grounding California’s adaptation and resiliency policy in cutting-edge science is central to ICARP’s charge. By identifying and contextualizing projected climate impacts through the CA Climate Change Assessments, supporting and guiding resilience metrics, and convening a Science Advisory Group, ICARP supports state and local efforts to operationalize actionable climate science.

Decision Support Tools and Guidance

ICARP develops and shares tools and guidance to support a community of practice on adaptation and resilience in California. Through the ICARP Climate Services Team, staff support integrated, science-based climate resilience decisions, planning, and implementation at all levels of governance, through tools like the [State Adaptation Clearinghouse](#).

Building Partnerships and Leveraging Resources

ICARP convenes stakeholders across agencies, sectors, and scales to build collaborative partnerships, facilitate integrated climate adaptation and resilience planning, and align funding opportunities. Through the Community Planning and Capacity Building – Recovery Support Function, ICARP staff provides technical assistance and helps communities integrate climate resilience and equity into disaster recovery planning.

Funding and Financing

ICARP’s work to scale funding and financing for climate resilience includes supporting state agencies with the integration of climate considerations in existing state programs and investments, as well as making direct investments through multiple grant programs.

Climate Equity and Vulnerable Communities

Climate equity and a focus on vulnerable communities is a core mandate for ICARP, both statutorily and programmatically as defined in [ICARP’s vision and principles](#). Building on the Council’s leadership to define [Vulnerable Communities](#), and in response to stakeholder needs, ICARP continues to fill critical gaps by developing resources and tools that support equitable adaptation action.

Additional Special Initiatives

ICARP Staff and Council respond proactively to new and emerging issues and opportunities as they align with the ICARP core vision and principles. This includes building new partnerships and initiatives and providing guidance and support for partner efforts to respond in real time to local, regional, and state needs.

1. Actionable Research and Resilience Metrics

California's Fifth Climate Change Assessment

Staff Lead: [Neil Matouka](#) / [Elea Becker Lowe](#)

Background / Framing Context

Preparing California for the impacts of climate change requires detailed and accurate forecasts of their location, severity, and onset. At the direction of [SB 1320 \(Stern, 2020\)](#) and with funding from the [2021 Climate Budget](#), ICARP is coordinating the Fifth California Climate Change Assessment in partnership with the California Energy Commission, California Natural Resources Agency, Strategic Growth Council, and other expert and community partners. The Fifth Assessment will include the next generation of downscaled climate change projections and modeling, technical research reports, regional and topical synthesis reports, decision-support tools, and a first-of-its-kind tribal research program.

Summary of Major 2023 Deliverables

- Q1-Q4: Produce new climate data and scenarios that will inform hydrologic and wildfire modeling, and sea level rise projections.
- Q1-Q3: Launch original climate research funding opportunities, including a Core Climate Research Program and the Tribal Research Grants Program.
- Ongoing: Robust community engagement to gather input on the scope of regional and statewide research products and embed equity in the State's climate research.

Updates for Q3 2023

- The Fifth Assessment team hosted nine in person workshops to gather input from communities across the state to inform the scope of each Regional Synthesis Report. The team will host three additional virtual sessions in early October.

Looking Ahead

- The Fifth Assessment team will finalize the scope of future research in the coming months, including updating the Climate Assessment's regional boundaries.
- The Fifth Assessment team will start identifying potential lead authors for the Regional Synthesis Report authorship teams.

Follow-ups for Council

- None at this time

Fifth Assessment Tribal Research Program

Staff Lead: [Patricia Kennedy](#)

Background/Framing Context

Indigenous communities are on the frontlines of those experiencing and adapting to climate change. Through the Fifth Assessment Tribal Research program, California is investing in tribally led climate change research initiatives throughout the Fifth Assessment products. This program will:

- Engage with tribes early, often, and meaningfully throughout the Fifth Assessment, offering continued Government to Government Consultation.
- Support tribal led research and assessments focused on climate change goals as identified by the State and Tribes through a tribal grant program.
- Form a Tribal Advisory Group to guide the integration of traditional knowledge and tribal-led research into the State's Climate Assessment research portfolio.
- Support information sharing and learning amongst and within Tribes.
- Develop guidance and protocols to guide the State and researchers on meaningful collaboration around Indigenous Knowledge(s) (IK) and Tribal Expertise.

Summary of Major 2023 Deliverables

- Ongoing: Convene the Tribal Advisory Group.
- Q2: Release Final Grant Funding Opportunity of the Tribal Research Grant Program.
- Q4: Finalize Round 1 Grant Agreement and release Round 2 Draft Agreements.
- Q2-Q4: Launch community engagement to scope the regional and tribal reports.
- Q4: Scoping and RFI process for TEK/TK and Tribal Synthesis Report.

Updates for Q3 2023

- The Tribal Advisory Group continues to meet monthly and provide guidance.
- The [Tribal Research Grant Program](#) solicitation was released on September 1, has an application due date of November 17th, and will be administered by CEC in close collaboration with OPR.
- General engagement and consultation continues to help form the IK Guidance SOW and the Tribal Report SOW. This includes Tribal Sessions during our in-person regional workshops, presentation at a variety of conferences, including THPO/SHPO, CAF, EPA Regional 9 Tribal Conference, RTOC, and others.

Looking Ahead

- The Tribal Advisory Group will be holding their first meeting open to the public and other tribal representatives on October 11, where we will be welcoming a presentation from our colleagues at [GLIFWC](#) on the [Tribal Adaptation Menu](#).
- The Tribal Program will finalize a SOW for two main contracts: IK Guidance and Protocols and Tribal and Indigenous Communities Report.

Follow-ups for Council

- Councilmembers are encouraged to attend the October 11 TAG meeting and promote the meeting within their networks.

Science Advisory Group (SAG)

Staff Lead: [Ben McMahan](#)

Background / Framing Context

Actionable science is foundational to California's climate agenda and supports science-informed policies and investments to respond to accelerating climate impacts. While many state agencies have science advisory bodies that provide valuable, sector-specific guidance, there have been many calls to convene statewide and multi-sector science advisory bodies that provide consistent climate science guidance across state agencies and inform statewide climate adaptation and resilience decision making.

As the state's primary hub for coordination on adaptation and resiliency across local, regional, and state efforts, and with funding through the 2021 Climate Budget, ICARP will convene the ICARP Science Advisory Group (SAG) to promote alignment of the state's deployment of climate science in resilience planning, policy, and investments. The SAG will significantly advance ICARP's goal of providing relevant, actionable data and research to support robust climate adaptation and resilience planning and policy.

Summary of Major 2023 Deliverables

- Q1: Finalize SAG structure and initiate recruitment
- Q2-4: Convene SAG
- Q4: Brief report on updated structure/orientation of SAG

Updates for Q3 2023

- Staff are revising the SAG framework based on changes presented to the TAC and input from the TAC at the Q1 meeting, and emergent needs identified by the ICARP climate services team in the user needs assessment.

Looking Ahead

- Staff are coordinating between the role of the SAG around science guidance, the climate services team and plans for a technical assistance framework, and interagency data coordination around the VCP, to develop a coordinated support network for science, methods, and data guidance

Follow-ups for Council

- None at this time.

2. Decision Support Tools and Guidance

Adaptation Clearinghouse

Staff Lead: [Nikki Caravelli](#)

Background / Framing Context

ICARP's enabling statute, SB 246 (Wieckowski, 2015), charges ICARP with creating and managing a clearinghouse of climate adaptation information. The Adaptation Clearinghouse is the State of California's consolidated searchable database of resources for statewide, local, and regional climate adaptation planning and decision-making at [ResilientCA.org](#).

Summary of Major 2023 Deliverables

- Q2: Completed User Needs Assessment
- Q2: Completed city layer of the ResilientCA Adaptation Planning Map (RAP-Map)
- Q3: Updated online Coastal Compass
- Q2: Executed two-year contract and initiation of two-year redevelopment plan.
- Ongoing: database quality control and updates.

Updates for Q3 2023

- [The Coastal Resilience Compass: A Plan Alignment Guide](#) is live on the Adaptation Clearinghouse.
- Staff and contractor Exygy Inc. completed User Needs Assessment in July; staff are transitioning to implement the recommendations in Q3, and have contracted UC Berkeley Geospatial Innovation Facility for an additional two years to develop and host the site.
- Staff have collected and prepared data for the remaining cities on the RAP-Map. After the forthcoming integration of this data, the RAP-Map will reflect city and county adaptation planning efforts through 2021, and intermittently be up-to-date for most jurisdictions for 2022-2023 (excluding sector and impact-specific plans such as sea level rise or wildfire plans.)
- Staff presented on the Adaptation Clearinghouse and ICARP resources at a CalOES and FEMA-hosted hazard mitigation and climate planning training on September 26.

Looking Ahead

- Staff will present a technical assistance framework and programming options for the Council to review and advise on at the Q4 Council meeting.

Follow-ups for Council

- None at this time.

Cal-Adapt

Staff Lead: [Ben McMahan](#)

Background / Framing Context

Cal-Adapt is the State of California's open-source web platform for accessing high-quality, peer-reviewed downscaled climate data and projections. Currently, the web application accesses data from California's Fourth Climate Change Assessment and provides data visualizations, features, and tools for many local climate-related risks, including projected changes in sea level, wildfires, temperature, precipitation, snowpack, and more. These valued resources guide decisionmakers at state, regional, and local levels when planning for and implementing climate adaptation projects to promote resiliency to climate change.

With funding from the 2021 Climate Budget, the California Energy Commission (CEC) and OPR will expand Cal-Adapt into the Cal-Adapt Enterprise with new climate data from California's Fifth Climate Change Assessment that includes features for a broad range of stakeholders who need easily accessible data visualizations and tools, while also providing a more powerful analytics engine to serve highly technical, data-intensive needs. In coordination with the CEC, ICARP will oversee maintenance and development of interactive visualizations and tools for a broad base of users such as local and state decision makers and community-based organizations.

Summary of Major 2023 Deliverables

- Q1-2: User needs assessment activities to inform Cal-Adapt redevelopment priorities and strategic direction.
- Q2-3: Data visualization prototypes and architecture for revised Cal-Adapt visualizations
- Q3-4: Develop/initiate development contract to update Cal-Adapt and integrate updated data visualizations

Updates for Q3 2023

- Staff and contractor Exygy completed user needs assessment, including a guidebook for future development, and presented results of the assessment at the September CEC CDAWG (Climate Data Analysis Work Group) meeting
- Staff coordinated with CEC and Eagle Rock Analytics (Cal-Adapt Analytics Engine leads) to pilot test Analytics Engine visualization options
- Staff used guidebook and results to develop a Request For Information that will inform the Cal-Adapt development RFP

Looking Ahead

- Cal-Adapt Development RFP to be released in Fall 2024, with anticipated start date of Q1 2024.

Follow-ups for Council

- None at this time.

Planning and Investing for a Resilient California Guidebook Update

Staff Lead: [Ben McMahan](#)

Background / Framing Context

[Executive Order N-19-19](#) calls for embedding physical climate risk into state investment decisions. Successful incorporation of physical climate risk into asset investment decisions requires the consistent application of climate science and downscaled risk projections into asset planning and investment processes. It further requires a similarly consistent decision-making framework to identify and prioritize climate adaptation actions.

To respond to EO-N-19-19, ICARP staff are updating the Planning and Investing for a Resilient California Guidebook ([Resilience Guidebook, 2017](#)), initially developed in response to [Executive Order B-30-15](#). Revisions will include updates to the foundational science that underpins the Resilience Guidebook, as well as updating the adaptation decision-making framework to incorporate discussion of adaptation pathways.

Summary of Major 2023 Deliverables

- Q1-2: Engage with agency collaborators regarding needs and gaps, and to identify priority areas for updates
- Q4: Draft update to Guidebook released for feedback and input.

Updates for Q3 2023

- Staff reviewed existing guidebook and process and developed updated timeline for revisions process and cadence in 2023.
- Agency collaboration recruitment pushed back to Q3 2023, to align process with availability/release of Fifth Assessment data.

Looking Ahead

- Staff will coordinate with agency collaborators in Q3-Q4 2023 to establish work group and cadence, and will set revised timeline for update, with target of early 2024.

Follow-ups for Council

- None at this time

Climate Resilience Plan Alignment Toolkit

Staff Lead: [Nikki Caravelli](#) / [Sarah Samdin](#)

Background / Framing Context

ICARP Climate Services, in partnership with numerous local, regional, state, and federal partners, released the Climate Resilience Plan Alignment Toolkit in November 2022 on the Adaptation Clearinghouse. The toolkit is a suite of climate resilience plan alignment guides and supporting resources to support local climate resilience planning. The goal of the toolkit is to support alignment of local and regional planning efforts, allowing planners and other practitioners to achieve climate resilience goals, reduce duplication, and avoid policy conflicts. Current guides focus on wildfire, flood-after-fire, and coastal hazard resilience, and summarize requirements and best practices, discuss strategies to leverage various planning and implementation processes, and identify alignment opportunities and tricky spots to avoid.

Summary of Major 2023 Deliverables

- Q3: Update and publish print and online version of the Coastal Compass
- Q3: Print and distribute plan alignment guide booklets
- Q3-Q4: Outreach and engagement activities

Updates for Q3 2023

- Staff launched the [Coastal Resilience Compass: a Plan Alignment Guide](#) at the California Adaptation Forum. The Compass is now available online on the Adaptation Clearinghouse, can be downloaded as a PDF, and is also available as a print booklet upon request (while supplies last).
- Print booklets are now available for both the Wildfire Resilience Plan Alignment Guide and the Flood-After-Fire Resilience Plan Alignment Guide upon request (while supplies last).
- Staff hosted a Coastal Compass launch webinar with 175 registrants on August 8, featuring a presentation on the new Compass, updates from CalOES staff on new FEMA climate change requirements for local hazard mitigation plans, and a discussion with representatives from the City of Santa Barbara and Alameda County.

Looking Ahead

- Staff will be partnering with stakeholders and agency partners to publicize the Plan Alignment Toolkit and provide trainings on plan alignment beginning in Q3.

Follow-ups for Council

- To request a printed plan alignment booklet, send your mailing address to icarp@opr.ca.gov and staff will mail the guide to the provided address. To request a plan alignment presentation or workshop in your region, contact staff.

3. Building Partnerships and Leveraging Resources

Community Planning and Capacity Building Recovery Support Function

Staff Lead: [Sloane Viola](#) / Disaster Resilience and Recovery Specialist, TBD

Background / Framing Context

In partnership with Cal OES, OPR serves as the lead state agency on the Community Planning and Capacity Building Recovery Support Function (CPCB-RSF), which strengthens the adaptive capacity of local governments to plan for and implement long-term disaster resilience and recovery programs by coordinating information, technical assistance, and funding. OPR, through ICARP, works to integrate climate adaptation and resilience policies into hazard mitigation, emergency management, and disaster recovery programs. To extend the impact of the CPCB-RSF, the ICARP team will lead the development of a peer-to-peer learning network for disaster resilience and long-term recovery planning.

Summary of Major 2023 Deliverables

- Ongoing: Engage stakeholders from disaster-impacted and at-risk communities to solicit feedback on local planning and capacity needs for long-term disaster recovery and resilience.
- Ongoing: Convene local governments as part of Peer Learning Network to build a cohort of disaster-impacted and at-risk communities, accelerate information exchange, and connect communities to funding opportunities.

Updates for Q3 2023

- Staff continues to participate in weekly interagency CPCB-RSF meetings.

Looking Ahead

- No updates forecasted until the Disaster Resilience & Recovery Specialist is hired.

Follow-ups for Council

- None at this time.

Community Development Block Grant – Mitigation (CDBG-MIT) Citizen Advisory Committee (CAC)

Staff Lead: [Sloane Viola](#) / Disaster Resilience and Recovery Specialist, TBD

Background / Framing Context

With support from the ICARP TAC, OPR signed an MOU with HCD on August 19, 2021 to enable the ICARP TAC to serve as the Citizen Advisory Committee (CAC) for the 2017/2018 Community Development Block Grant Mitigation (CDBG-MIT) grant program. CDBG-MIT is a federal program that funds planning and infrastructure projects that reduce disaster risks and promote community resilience in disaster-impacted communities. HUD requires state grantees to convene a CAC to promote transparency and engage stakeholders on how to use and implement these one-time community hazard mitigation funds. The CAC represents an opportunity for dialogue with agencies, grantees, and external stakeholders to inform program implementation and align the program guidelines other state hazard mitigation funding sources, including those administered by Cal OES and CAL FIRE.

Summary of Major 2023 Deliverables

- Q2 & Q4: Convene the Citizen Advisory Committee to provide feedback on CDBG-MIT

Updates for Q3 2023

- The Department of Housing and Urban Development (HUD) approved the [2021 CDBG-DR Action Plan Amendment](#) for unmet needs from the 2021 wildfires. These funds will be used for reconstruction and home hardening for low and moderate-income households in Plumas County.

Looking Ahead

- The Q4 TAC meeting will include a Citizen Advisory Committee discussion on 2023 flood recovery and 2020/21 wildfire recovery.
- The Department of Housing and Community Development (HCD) is moving forward with executing the 2021 CDBG-DR grant agreement and amending procurement contracts this fall and winter ahead of launching these programs in Q2/Q3 2024.

Follow-ups for Council

- None at this time.

4. Funding and Financing

FEMA Cooperative Technical Partners

Staff Lead: [Sarah Samdin](#)

Background / Framing Context

ICARP has received three Cooperative Technical Partners (CTP) grants from FEMA to provide coordination support to align federal Hazard Mitigation Assistance (HMA) funding with state resilience goals. The partnership supports identification of projects that strengthen California's portfolio of nature-based, social and environmental justice projects. With a specific focus on hard-to-reach priority project types, as identified by FEMA, these pilot projects will help shape a pipeline of projects that may be eligible for future FEMA funding.

ICARP, in partnership with CalOES, provides technical assistance to state partners who are new to the federal HMA space, and helps identify innovative projects for FEMA's newest pre-disaster infrastructure funding program, Building Resilient Infrastructure and Communities (BRIC) Program. This partnership advances California's climate resiliency goals, as well as the Governor's priority of leveraging state and federal funding.

Summary of Major 2023 Deliverables

- Q4: Case Study documenting lessons learned, promising practices, and challenges with aligning a state climate resilience funding program with FEMA HMA eligibility. ICARP's APGP seeks to serve as proof of concept of how align state and federal funding opportunities.

Updates for Q3 2023

- Staff are developing a case study documenting challenges, opportunities, and lessons learned from incorporating FEMA HMA eligibility into Round 1 of the APGP.
- Staff are contracting with the California Indian Environmental Alliance (CIEA) to lead tribal engagement for the Tribal User Needs Assessment, a CTP FY22 deliverable. The function of a needs assessment is to identify the existing gaps between the current state of a topic and a desired outcome, in this case the state of tribal climate resilience in California.

Looking Ahead

- Staff are planning to release a case study on the Adaptation Clearinghouse in Q4.
- Staff will onboard California Indian Environmental Alliance in Q4.

Follow-ups for Council

- None at this time.

ICARP Extreme Heat and Community Resilience Program

Staff Lead: [Braden Kay](#)

Background / Framing Context

Extreme heat is a public health, climate resilience, and social equity problem that will impact every community in California. Historically, the lack of guidance and support to plan and implement heat interventions has hindered bold local action to address these unique risks. The Extreme Heat and Community Resilience Program builds capacity for heat action planning and project implementation in the most heat-burdened communities by providing funding and technical support. The program also drives the state's work to implement California's Extreme Heat Action Plan, a comprehensive, coordinated response across state agencies for advancing equitable outcomes, including reducing economic and health disparities associated with extreme heat.

The Extreme Heat and Community Resilience Program will invest in local, regional, and tribal heat reduction and mitigation efforts. This program will fund projects that mitigate the impacts of extreme heat or the urban heat island effect by adopting strategies, including, but not limited to, heat action plans, providing mechanical or natural shade, increasing building and surface reflectance, providing passive or low-energy cooling strategies, and promoting evaporative cooling.

Summary of Major 2023 Deliverables

- Q1: Program Engagement Kickoff at the Quarter 1 Technical Advisory Council Meeting
- Q2: Program Engagement through focus groups and listening sessions; Guideline development and refinement
- Q3: Draft Guideline Release
- Q4: Draft Final Guidelines and Application Materials

Updates for Q3 2023

- Completed listening sessions and drafting grant guidelines

Looking Ahead

- Draft Guidelines and Summary of Engagements available for review in October

Follow-ups for Council

- None at this time

ICARP Adaptation Planning Grant Program

Staff Lead: [Abby Edwards](#)

Background / Framing Context

In 2021, OPR, through ICARP, received \$25M in the state budget to fund the ICARP Adaptation Planning Grant Program (Adaptation Planning Grant Program) to support local, regional, and tribal adaptation planning across California.

As communities in California experience more frequent, prolonged, and severe impacts of climate change, state, regional, local, and tribal governments are undertaking adaptation and resiliency planning. However, many jurisdictions lack the capacity, tools, guidance, and resources to effectively prepare for climate impacts. To meet this need, the Adaptation Planning Grant Program provides funding to help fill planning needs, provides communities the resources to identify climate resilience priorities, and supports the development of a pipeline of climate resilient infrastructure projects across the state.

Key priorities of the program are to:

- Explicitly and meaningfully prioritize equitable outcomes, particularly in the most vulnerable communities
- Encourage communities to equitably plan for and respond to multiple climate risks
- Build statewide capacity to plan for and implement equitable planning strategies
- Embed equity into the planning process, from project visioning through project evaluation

Summary of Major 2023 Deliverables

- Q1: Round 1 Application Window
- Q2: Application Review & Awards
- Q3: Round 1 Contracting, Draft Guideline Development
- Q4: Round 2 Draft Guideline Release

Updates for Q3 2023

- [Round 1 grants were awarded](#) and grantees are developing partnership and grant agreements. Of the 14 projects APGP awarded, 9 were in Justice40 Communities.
- Staff are working on updates to Round 2 guidelines.

Looking Ahead

- Staff plan to release APGP Round 2 Guidelines for public comment in Q4.

Follow-ups for Council

- None at this time.

ICARP Regional Resilience Planning & Implementation Grant Program

Staff Lead: [Dolores Barajas](#)

Background / Framing Context

The Integrated Climate Adaptation and Resiliency Program is developing a Regional Resilience Planning and Implementation Grant Program (Regional Resilience Grant Program, RRGP) that will invest \$50 million over multiple funding rounds to help fill local, regional, and tribal adaptation planning and resilience needs, and support the development of a pipeline of climate resilient projects. Available to local, regional, and tribal governments, the Regional Resilience Grant Program will support regions in advancing resilience through three major activities: capacity-building, planning, and project implementation. Grants will be available both competitively and on a formula basis.

Key Priorities of ICARP's Regional Resilience Grant Program are to:

- Support regional projects aligned with ICARP priorities that improve regional climate resilience and reduce climate risks from wildfire, sea level rise, drought, flood, increasing temperatures, and extreme heat events.
- Support projects or actions that address the greatest climate risks in the region, particularly in the most vulnerable communities.
- Fill the gaps in climate resilience funding and support sustainable and cohesive climate resilient projects

Summary of Major 2023 Deliverables

- Q1: Release draft guidelines for public comment (Complete)
- Q2: Request for proposals, release round 1 grant application (Complete)
- Q3: Application assistance and review process
- Q3: Round 1 grant awards and round 2 draft guidelines outreach

Updates for Q3 2023

- Through June and July, RRGP staff held 8 regional and community-specific workshops to support applicants with navigating the final guidelines and application. Staff also held 14 office hours to provide applicants with one-on-one support. The RRGP application window closed on August 29.

Looking Ahead

- RRGP staff will announce round 1 awards in November 2023, and will immediately begin round 2 outreach. During Round 2 a third-party consultant will provide support through application assistance and capacity building services.

Follow-ups for Council

- None at this time.

5. Climate Equity and Vulnerable Communities

Vulnerable Communities Platform

Staff Lead: [Ankitha Doddanari](#), [Mark Hedlund](#)

Background / Framing Context

Building off the 2018 ICARP TAC definition of “vulnerable communities” in the context of climate adaptation, and in response to queries from a range of cross-sector stakeholders, OPR is developing an integrated platform to make this definition actionable for adaptation policy and investment decisions. The goal for the Vulnerable Communities Platform is to develop an open, accessible, and community-grounded platform that holistically identifies the communities most vulnerable to climate change.

Developing the ICARP Vulnerable Communities Platform consists of several workstreams: (1) background research and comparison with existing policy guidance, vulnerability assessments, and data platforms; (2) convening an interagency state technical workgroup; (3) engagement with vulnerable communities through listening sessions and pilot community partnerships; and (4) technical assistance and support from ESRI.

Summary of Major 2023 Deliverables

- Q1: Compilation of existing statewide and federal datasets, and prototype VCP (beta) using initial regional/vulnerability framework
- Q1: Engage with Community Resilience Working Group (CRWG) and Interagency Technical Working Group (ITWG) to establish VCP regional framework and process for review and input
- Q2-3: VCP 1.0, regional and community engagement around priority climate risks and community input and inclusion on VCP
- Q4: VCP 2.0 with regional vulnerability scenarios and community case studies, implementation plan for targeted climate services

Updates for Q3 2023

- Community engagement around VCP priorities and data needs, as part of Fifth Assessment workshops and in coordination with Community Resilience Working Group and other community partners
- Soft-launched VCP beta/prototype (1.0) to encourage feedback on gaps and priorities and to stress test platform
- Staff coordinating with ESRI to develop workplan for updated VCP (2.0)

Looking Ahead

- Staff will present on updated VCP framework at the Q4 TAC meeting
- Staff will release updates to VCP and pilot test participatory mapping

Follow-ups for Council

- None at this time

6. Additional Special Initiatives

California Climate Adaptation Strategy

Staff Lead: [Sloane Viola](#)

Background / Framing Context

California is statutorily required to release an updated, comprehensive, statewide climate adaptation strategy every three years ([AB 1482](#), Gordon, 2015). Previous strategies were released in 2009, 2014, and 2018. For the 2021 Update, the California Natural Resources Agency and OPR, through ICARP, partnered to co-coordinate the development of California's 2021 California Climate Adaptation Strategy.

This update to the Strategy links together the state's existing, planned, and resourced climate adaptation efforts, showing how they fit together to achieve broad climate resilience priorities. The Strategy also specifies needed actions, with timeframes and metrics, to drive progress and enable accountability. The Strategy is organized around outcome-based priorities, rather than individual sectors, enabling a coordinated, integrated approach to building climate resilience. The 2021 Strategy will be released as an interactive website that serves as a hub for state climate resilience action. This website will be updated to reflect progress and make adjustments, and will allow for Californians to easily access information on the state's efforts.

Summary of Major 2023 Deliverables

- Q1: Release an annual implementation report and update the Strategy website to reflect progress
- Q2-Q4: Scope the 2024 update to the State Adaptation Strategy leading up to the release of the Draft in January 2024

Updates for Q3 2023

- CNRA Staff are developing a Scope of Work for a firm to support the forthcoming update to the Adaptation Strategy, with input from ICARP Staff.

Looking Ahead

- CNRA will release a Request for Proposals and onboard a firm.
- CNRA and ICARP will continue to leverage the Interagency Resilience Work Group and other interagency channels to get input on implementation progress for the current Strategy, updating existing actions and metrics applicable to the next Strategy, and identifying new actions to include. This input is in addition to feedback being collected via regional workshops, tribal listening sessions, and other experts and practitioners across California.

Follow-ups for Council

- None at this time.

The California Extreme Heat Action Plan

Staff Lead: [Braden Kay](#)

Background / Framing Context

The [2022 Extreme Heat Action Plan](#) provides a strategic and comprehensive set of state actions to adapt and build resilience to extreme heat. It outlines California's all-of-government approach to mitigating the health, economic, cultural, ecological, and social impacts of increasing average temperatures and heat waves. The action plan was developed as part of the state's 2021 update to California's Climate Adaptation Strategy, in recognition of the need for an updated, integrated approach to addressing extreme heat. The Extreme Heat Action Plan provides an update to and expansion of the state's 2013 report on extreme heat ("[Preparing California for Extreme Heat Guidance and Recommendations](#)").

Summary of Major 2023 Deliverables

- Q3: Collect information on implementation progress from state agencies
- Q4: Release an Implementation Report

Updates for Q3 2023

- None at this time.

Looking Ahead

- In partnership with the California Natural Resources Agency, Staff will incorporate priority actions from the Extreme Heat Action Plan into the 2024 update to the Adaptation Strategy.

Follow-ups for Council

- None at this time.