

# Climate Resilience and Integrated Regional Water Management: Building Successful Partnerships

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**Science to Action: CA  
Climate Change  
Assessments**



**Committing to  
Equitable Adaptation  
Outcomes**



**Accelerating  
Collective Action:  
State Adaptation  
Strategy**



**Scaling Regional  
Solutions**



THE INTEGRATED CLIMATE ADAPTATION AND RESILIENCY PROGRAM

## IMPACT REPORT AND 2020 PROGRAM RECOMMENDATIONS



# ICARP advances a climate-resilient California for all.

## Statutory direction (SB 246)

- Hub for state coordination and policy alignment
- Develop a cohesive, coordinated response to climate impacts across local, regional, and state efforts
- Prioritize equity and integrated climate action (mitigation and adaptation).

## Programmatic components

- The Adaptation Clearinghouse
- The Technical Advisory Council (TAC)
- California Climate Change Assessments



# Definitions

- 🔧 **Climate Mitigation:** Reducing Greenhouse Gas emissions
- 🔧 **Climate Adaptation:** Actions that reduce risk to future climate impacts
- 🔧 **Climate Resilience:** A process, not a static outcome, to build capacity to thrive in a rapidly changing world. Requires both mitigation and adaptation actions.

# Science to Action



## California Climate Change Assessments

- Foundational climate projection data
- Actionable tools and resources
- Translation of science into policy and investment decisions

# Committing to Equitable Adaptation Outcomes

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## ICARP Vulnerable Communities Platform

- Wholistic approach to understanding and identifying communities at risk from future impacts
- Integrate underlying socio-economic factors that drive inequities
- Prioritize policies and investments that reduce risk for most vulnerable communities

# Accelerating Collective Action

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## 2021 State Climate Adaptation Strategy

- Building resilience and reducing risks
- Whole of government approach
- All risk approach: extreme heat, wildfire, drought, floods, sea level rise



# Draft Priorities

The Strategy should drive action toward critical priorities:



**Strengthen Protections for Climate Vulnerable Communities**



**Bolster Public Health and Safety in Light of Increasing Climate Risks**



**Build a Climate Resilient Economy**



**Accelerate Nature-Based Climate Solutions and Strengthen Climate Resilience of Natural Systems**



**Make Decisions Based on Best Available Climate Science**



**Partner and Collaborate to Leverage Resources**



# Structure

A person wearing a blue jacket and a cap is sitting in a wheelchair on a flooded walkway. The water is dark and turbulent. In the background, a suspension bridge with tall towers and cables spans across the scene under a cloudy sky. The overall tone is somber and highlights the impact of flooding.

Outcomes will advance multiple Administration priorities and reinforce California's values.

*For Example:*

- **PRIORITY:** Strengthen protections for climate vulnerable communities
- **GOAL:** Facilitate public and private investments that reduce risks for climate vulnerable communities
- **ACTION:** Develop a tool to map climate vulnerable communities by 2022



FURNACE CREEK VISITOR CENTER



# Addressing Gaps: Extreme Heat Framework



# Scaling Regional Solutions

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## ICARP Regional Resilience Planning and Implementation Grant Program

- \$250M over multiple years
- Scaling regional resilience solutions
- Collaboration, planning, and implementation
- All-risk approach
- Next steps: Staffing and building out program team



**Thank you!**