



1

What is the California Climate Adaptation Strategy?



Outlines the State's key climate resilience priorities



Includes specific and measurable actions



Serves as a framework for collective efforts for all Californians

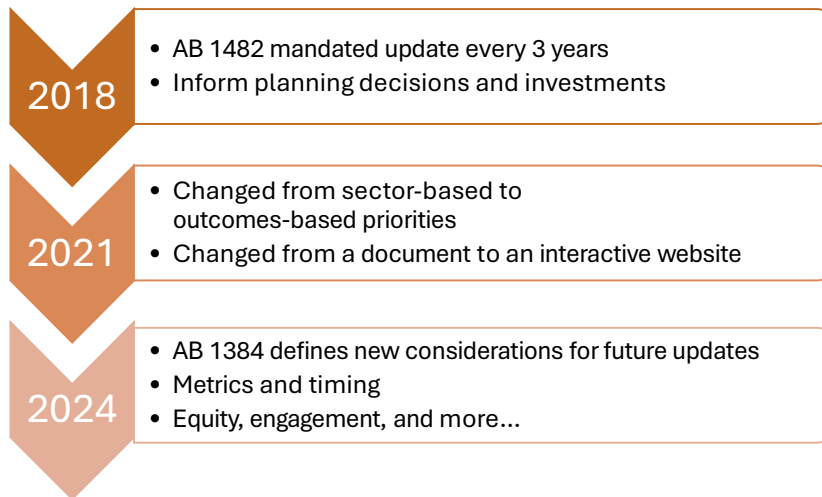


Updated every 3 years



2

Evolution of the Adaptation Strategy



3

Integrated Climate Action



4

2024 Adaptation Strategy

Overview



5

What is new in the 2024 draft Strategy?



Expansion and enhancements of new metrics and timing for actions



Better integration of equity through all priorities



Range of procedural improvements reflecting progress and new piloted approaches



Integration of key actions from California's latest climate adaption plans and initiatives

6

How is it organized?



7

Priority 1: Strengthen Protections for Climate Vulnerable Communities



*Focus on supporting
low-income, rural
communities, and
tribal nations*

- Some communities face **compounding vulnerabilities** and **disproportionate impacts**
- A climate resilient “California for All” requires focused support for communities most vulnerable
- Includes:
 - Procedural equity: Vulnerable communities are empowered to influence planning and investment decisions
 - Distributional equity: Vulnerable communities are prioritized for adaption action to make up for past under-investment



8

P1

What's new in the 2024 draft Strategy?

- Integration of **equity-centered** practices into state processes – moving success metrics to ongoing and annual timeframes, including:
 - Early engagement and consultation
 - Establishing meaningful partnerships
 - Prioritizing language access
 - Creating set-aside funding
 - Providing technical assistance for vulnerable communities and tribes
- New metrics on community engagement and public awareness efforts, including climate justice, water conservation, and extreme heat



9

Priority 2: Bolster Public Health and Safety to Protect Against Increasing Climate Risks

- Climate-related damage to health can be immediate and acute, as well as sustaining and long-term
- Climate change is a **threat multiplier**, worsening existing health inequities
- Climate-driven events also have impacts on:



**Food supply
and security**



**Water supply
and sanitation**



**Environmental hazards,
such as harmful algal
blooms**

...and more



10

P2

What's new in the 2024 draft Strategy?

- Overall improved understanding of **public health and safety risks**
- New and enhanced **data collection methods** for extreme heat morbidity, harmful algal blooms, and debris flow risk
- New or evolving **frameworks for responding** to the public health and safety consequences of climate change
- Emphasis on supporting **drought resilience planning** for small water suppliers, tribal water systems, and domestic wells



11

Priority 3: Build a Climate Resilient Economy



*Every \$1 invested in
proactive efforts to reduce
climate risk avoids at least
\$6 in future costs*

- Our economy relies on a safe and reliable infrastructure
- We are improving our understanding of economic impacts of climate change
- Preserving and creating jobs in a clean, resilient, and inclusive economy will **bolster quality of life** and **support economic mobility**
- Proactive adaptation and resilience measures are sound **economic and fiscal investments**



12

P3

What's new in the 2024 draft Strategy?



- Plan for **workforce development** and **industry growth** in the forestry and woody biomass sectors
- Support for **workforce transition** to spur forward-thinking and integrated planning
- Support **agricultural economic viability** and **resilience**, as well as enhance the environment



13

Priority 4: Accelerate Nature- Based Climate Solutions & Strengthen Climate Resilience of Natural Systems



*Improving public
health and safety,
securing our food and
water supplies, and
increasing equity*

- **Climate smart management** of our natural and working lands – forests, farms, wetlands, coasts, deserts, community greenspaces, and more
- Accelerated use of **nature-based solutions** that deliver on our climate change goals and other critical priorities
- Emphasizes our commitment to advancing multi-benefit, nature-based solutions



14

P4

What's new in the 2024 draft Strategy?



- Pilot interdisciplinary technical support teams to accelerate the review and approval of **large-scale habitat projects**
- Ongoing **landscape scale and river restoration** efforts to support thriving wildlife and be resilient in dry and critically dry years
- Restoration of approximately **3,500 acres of wetlands in the Delta** between 2025 and 2030
- **Partner with California Native American tribes** to accelerate tribal nature-based solutions



15

Priority 5: Make Decisions Based on the Best Available Climate Science



For example, seeking and elevating Traditional Ecological Knowledge can augment traditional research methods

- Evolving **scientific understanding** must be basis for our efforts to strengthen climate resilience and support leadership in climate action
- Partnership-based research models will:
 - Improve understanding of and response to **climate change**
 - Allow us to better understand the location, timing, and extent of **climate impacts**
 - Support investments and policies that reduce future **climate risk**



16

P5

What's new in the 2024 draft Strategy?



- Coordinate **adaptation research** with **decarbonization efforts** to establish metrics, provide guidance, and quantify impacts from extreme heat
- Apply research and monitoring to inform the **adaptive management of California's forests**
- **CA's Fifth Climate Change Assessment** will significantly advance our understanding of climate impacts in California and related decision support tools



17

Priority 6: Partner and Collaborate to Leverage Resources



*Tribal, local, regional
and state governments,
to community-based
organizations and the
private sector*

- **Partnerships, coordination, and collaboration** in our efforts to build climate resilience are essential
- All entities hold a piece of the puzzle and must work together to leverage each other's strengths and actions
- Collaborative efforts can anchor equity by **welcoming perspectives** of vulnerable communities to shape planning, projects, and investments



18

P6

What's new in the 2024 draft Strategy?

- Two new collaborative initiatives to support **public health and land conservation**
- Establish **workgroups** to develop a conservation strategy framework for river corridors and identify pilot projects
- New action to launch an **Extreme Heat and Community Resilience Program**
- Updated metrics on coordination and alignment of **water sector-related partnerships**
- **Leverage federal support** to amplify state programs



19

Metrics & Tracking

How do we ensure success?



20

Success Metrics



Includes:

- Timeframe
- Agency/Agencies



As state entities pilot new processes and partnerships, success metrics are increasingly “Ongoing” or “Annual”



Shift these metrics to focus on **outcomes (or “success”)** and not **process or outputs**



21

Thank you!



22