a history of DWR's Climate Change Program

1980s

'87-Chief Hydrologist Maury Roos presents Possible Changes in California Snowmelt Runoff Patterns report at Pacific Climate Workshop

'88-DWR Deputy Director Potter testifies at Congressional hearing on global warming effects on CA water resources

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'88-AB 4420 1st Climate Change (CC) legislation in CA



'05-CWP includes qualitative discussion on the potential effects of CC on CA's water resources

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'00-SB 1771 creates the **CA Climate Action Registry**

'05-EO S-3-05 sets CA GHG emission reduction targets



DWR's 1st submittal to CA Climate Registry

DWR awarded **Climate Action Leader status**

DWR produces "Science On a Sphere" for State Fair and wins communications award

DWR re-establishes CA State Climatologist Office

 \mathbf{C} SB 97 requires OPR to develop CEQA Guidelines for CC

2009

CWP includes analysis of CC in projections of future demand DWR Sustainability Policy adopted DWR CEQA CC Committee (C4) convenes

> DWR produces video "A Climate of Change"

DWR Climate Change Program now official! $\mathbf{\nabla}$

SB 1 IRWM plans to include CC adaptation & mitigation

Resources Agency releases CA Climate Adaptation Strategy

State releases 2nd CC Assessment

1990s

'91 - DWR releases study showing decline in spring and summer runof since the early 1900s

'93 - CA Water Plan (CWP) identifies CC as a potential threat to water resource

> **'97**-Twitchell Island Wetland Research Facility established

DWR releases report analyzing effect of CC on CA water supply

AB 32 requires CA's to 1990 levels by 2020

Climate Action Team forms: DWR a participating agency

State releases 1st CC Assessment

DWR releases CC adaptation strategy for water Managing an Uncertain Future

DWR forms 1st Climate Change Technical Advisory Group (CCTAG)

CA joins CoCoRaHS, a citizen science monitoring program supported by DWR

EO S-13-08 authorizes sea level rise (SLR) study

AB 32 Scoping Plan approved

C4 releases staff guidance on CEOA CC & GHG emissions analysis

Prop 84/Prop 1E grant guidelines add CC standard

DWR Environmental Stewardship Policy and Sustainability Targets adopted

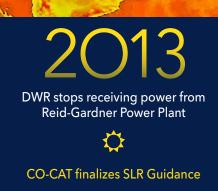
 \mathbf{i} CO-CAT releases interim SLR Guidance for State Agencies

and the second second

Award



1st DWR Climate Literacy class held





Climate Leadership Award California Climate Science and

Data for Water Resources Managers released

CCTAG releases Perspectives & Guidance for CC Analysis

DWR achieves 2020 GHG goal-50% below 1990 levels-5 years early

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Safeguarding California, EO B-30-15 is established to identify state actions to reduce CC impacts

DWR receives

State of the Estuary award for carbon sequestration projects

DWR releases white paper for water-energy-food nexus and CC

AB 32 Scoping Plan Update released

DWR Climate Action Plan:

Phase I GHG Emissions Reduction Plan adopted

DWR contracts with Lodi Energy Center for high efficiency power

DWR awarded Sustainable Business of the Year Award

> DWR forms 2nd CCTAG \mathbf{i}

National Resource Council SLR Report released

State releases 3rd CC Assessment

CWP incorporates CC into

DWR releases major paleoclimatology study

resource management strategies

DWR engages in Tribal coordination

and initiatives for CC

DWR receives 2nd national Climate Leadership Award

Climate Action Plan earns award from American Society of Civil Engineers

DWR develops energy reporting guidance for Urban Water Management Plans

DWR serves on AB 2800 Climate-Safe Infrastructure panel

Climate Action Plan: Phase II Climate Change Analysis

DWR receives 3rd national Climate Leadership Award

DWR contributes nine papers to State's 4th Assessment

DWR produces Tribal video "Climate Conversations"

DWR participates in Climate Safe Infrastructure Work Group

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EO B-55-18 sets goals to achieve carbon neutrality

Safeguarding California Plan: 2018 Update released



DWR receives Climate Registered All Star certification from The Climate Registry

> DWR becomes a Founder of the Water-Energy Nexus Registry

Climate Action Plan: Phase III Vulnerability Assessment released

DWR releases Decision Scaling Evaluation of Climate Change Driven Hydrologic Risk to the State Water Project

DWR convenes Planning for Change Vulnerability and Adaptation Summit and Workshop

"Climate Conversations" screened at the 44th Annual American Indian Film Festival



Guidance released

State releases 4th CC Assessment



DWR receives 4th national **Climate Leadership Award**

DWR achieves Water-Energy Nexus Registry All-Star Leader status

Climate Action Plan: Phase I GHG Emissions Reduction Plan Update 2020

DWR releases Water Resources Memorandum 75 incorporating climate change analysis into DWR activities

Climate Action Plan: Phase III Adaptation Plan released

DWR launches Moving to Action in response to the Water Resilience Portfolio

"Climate Conversations" featured during CA Natural Resources Agency Earth Week

> State releases Water Resilience Portfolio