

Integrated Regional Water Management Catalog of Resources



Produced By: The California Department of Water Resources

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IRWM Catalog of Resources Workbook

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Introduction

The Integrated Regional Water Management (IRWM) Program works with an array of stakeholders across the state. This Catalog of Resources Workbook highlights some of the resources and tools available to IRWM stakeholders to build capacity in their regions and encourage stakeholder engagement in the IRWM Program.

Capacity Building Workshop References

This Catalog of Resources was created as part of the 2014 IRWM Stakeholder Capacity Building Workshop. Since the Workshop, the Catalog has been revised to include the most up-to-date resources for stakeholders. (Please note: you can find an electronic copy of this Catalog of Resources here!).

General Workshop Information: <http://www.water.ca.gov/irwm/partnership/>

Workshop Agenda:

http://www.water.ca.gov/irwm/partnership/doc/AGENDA_IRWM_Stakeholder_Workshop%20-%20Nov%206.pdf

The Workshop was video recorded and archived for reference purposes.

Workshop Video Recording Archive: <http://dwr.videosc.com/archives/110614/>

Module 1 – Meaningful Participation in IRWM:

http://www.water.ca.gov/irwm/partnership/doc/Module%201_Meaningful%20Participation%20in%20IRWM.pdf

Module 1 – Disadvantaged Community Panel:

http://www.water.ca.gov/irwm/partnership/doc/Module%201_Disadvantaged%20Community%20Panel.pdf

Module 1 – Feature Tribe Success Stories:

http://www.water.ca.gov/irwm/partnership/doc/Module%201_Featured%20Tribe%20Success%20Stories.pdf

Module 2A – IRWM Regional Services:

http://www.water.ca.gov/irwm/partnership/doc/Module%202A_IRWM%20Regional%20Services.pdf

Module 2A – Tribal Engagement and Services:

http://www.water.ca.gov/irwm/partnership/doc/Module%202A_Tribal%20Engagement%20and%20Services.pdf

Module 2B – Project Development and Evaluation Tools:

http://www.water.ca.gov/irwm/partnership/doc/Module%202B_Project%20Development%20and%20Evaluation%20Tools.pdf

Module 2B – Sustainability and Climate Change Tools:

http://www.water.ca.gov/irwm/partnership/doc/Module%202B_Sustainability%20and%20Climate%20Change%20Tools.pdf

State Planning Guidance

The documents linked below articulate the State's perspective on water management, including priority actions, resource management strategies, and the importance of IRWM to California's economy, public safety, and environmental sustainability; opportunities to engage in policy-level discussions of ways to improve California's water management future; and updates of progress toward implementation of the Human Right to Water Act of 2012.

California Water Action Plan:

http://resources.ca.gov/docs/california_water_action_plan/Final_California_Water_Action_Plan.pdf

California Water Plan (2013 Update): <http://www.waterplan.water.ca.gov/cwpu2013/index.cfm>

California Water Plan Topic-Based Caucuses: <http://www.waterplan.water.ca.gov/caucus/>

Californians without Safe Water and Sanitation:

http://www.waterplan.water.ca.gov/docs/cwpu2013/Final/vol4/water_quality/04Californians_Without_Safe_Water_Sanitationv2.pdf

DWR IRWM Regional Services

The links below represent an array of services offered by the California Department of Water Resources' IRWM Program. All IRWM stakeholders are encouraged to make use of these resources, in partnership with their IRWM Region, DWR IRWM Program Regional Services Representative (RSR), or DWR's Regional Coordination (RC) Team. Contact information for IRWM Regions, RSRs, and RCs is available at http://www.water.ca.gov/irwm/partnership/contact_locator.cfm.

DWR IRWM webpage: <http://www.water.ca.gov/irwm/>

DWR Regional Resources webpage: <http://www.water.ca.gov/irwm/resources/>

DWR Regional Coordination location tool: http://www.water.ca.gov/irwm/resources/rc_finder.cfm

DWR IRWM Financial Assistance webpage: <http://www.water.ca.gov/irwm/grants/>

DWR Regional Partnership webpage: <http://www.water.ca.gov/irwm/partnership/>

DWR Strategic Plan webpage: <http://www.water.ca.gov/irwm/stratplan/>

DWR IRWM Related Resources: http://www.water.ca.gov/irwm/other_resources/

Water Management Planning Tool Information: <http://www.water.ca.gov/groundwater/boundaries.cfm>

Water Management Planning Tool: <https://gis.water.ca.gov/app/boundaries/>

DWR IRWM Financial Assistance

The links below connect IRWM stakeholders with information about financial assistance grants administered by the California Department of Water Resources to support integrated regional water management planning activities and project implementation. General questions or comments regarding the IRWM Grant Program can be emailed to: DWR_IRWM@water.ca.gov.

DWR IRWM Financial Assistance webpage: <http://www.water.ca.gov/irwm/grants/>

DWR IRWM FAB Contact Information: <http://www.water.ca.gov/irwm/grants/contacts.cfm>

DWR IRWM Grant Program Legislation: <http://www.water.ca.gov/irwm/grants/legislation.cfm>

DWR IRWM Grant Program Upcoming Events:
<http://www.water.ca.gov/irwm/grants/upcomingevents.cfm>

DWR IRWM List Serve Subscription webpage: <http://www.water.ca.gov/irwm/grants/subscribe.cfm>

DWR IRWM Plan Review Process webpage: <http://www.water.ca.gov/irwm/grants/prp.cfm>

DWR IRWM Proposition 84 Information: <http://www.water.ca.gov/irwm/grants/prop84index.cfm>

DWR IRWM Proposition 1 Information: <http://www.water.ca.gov/irwm/grants/prop1index.cfm>

DWR IRWM Archives – Proposition 1-E webpage:
http://www.water.ca.gov/irwm/grants/archives_p1e.cfm

DWR IRWM Archives – Proposition 50 webpage:
http://www.water.ca.gov/irwm/grants/archives_p50.cfm

DWR IRWM Archives – Proposition 84 webpage:
http://www.water.ca.gov/irwm/grants/archives_p84.cfm

DWR IRWM Archives – Local Groundwater Assistance webpage:
http://www.water.ca.gov/irwm/grants/archives_lga.cfm

Disadvantaged Community Tools

Below are links to tools available to support meaningful engagement of disadvantaged communities in addressing California's water management challenges as well as work products from recent IRWM disadvantaged community pilot projects and another DAC EPA case study. The 2012 Human Right to Water legislation and UC Berkeley analysis on the 2012 legislation are also included as information links. The link to the most up-to-date Appendix G of the IRWM Grant Program Guidelines is included as a reference for disadvantaged communities.

Disadvantaged Communities Mapping Tool Information:
http://www.water.ca.gov/irwm/grants/resources_dac.cfm

Disadvantaged Communities Mapping Tool: <https://gis.water.ca.gov/app/dacs/>

CalEnviroScreen 2.0 Mapping Application and Data: <http://www.oehha.ca.gov/ej/ces2.html>

Human Right to Water Legislation:
http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201120120AB685&search_keywords=

University of California, Berkeley, School of Law Human Right to Water Legislation Analysis
(Implementation Framework for State Agencies):
[http://www.law.berkeley.edu/files/Water_Report_2013_Interactive_FINAL\(1\).pdf](http://www.law.berkeley.edu/files/Water_Report_2013_Interactive_FINAL(1).pdf)

DWR IRWM Technical Support Services: http://www.water.ca.gov/irwm/partnership/tech_services.cfm

DWR IRWM Facilitation Support Services:
http://www.water.ca.gov/irwm/partnership/facilitation_services.cfm

Inyo-Mono DAC Pilot Report: http://inyo-monowater.org/wp-content/uploads/2014/10/IM_DAC_whitePaper_20140930_FINALcopy4Submittal.pdf

Inyo-Mono DAC Pilot Documentary: <http://inyo-monowater.org/dac/findings/>

Kings Basin DAC Pilot Report: <http://www.kingsbasinauthority.org/projects-funding/completed-projects/dac-pilot-study/>

Coachella Valley DAC Pilot Report: http://www.cvrwmg.org/docs/2014_02_25_CVRWMG-2014DACOutreachProgramReport_100200.pdf

Greater Los Angeles DAC Pilot Report:
http://watershedhealth.org/Files/document/844_CWHDACStudy.pdf

EPA DAC Case Study: <http://www.epa.gov/ogwdw/dwsrf/pdfs/disadvantaged.pdf>

DWR IRWM Grant Program Guidelines (Appendix G – Disadvantaged Communities):
http://www.water.ca.gov/irwm/grants/docs/p84_implementation/P84_2015%20IRWM_GL_Final_050515.pdf

Tribal Engagement

The links below offer guidance and resources for more meaningful engagement of California Native American Tribes in addressing California's water management challenges. Questions or comments for DWR's Tribal Policy Advisor can be emailed to: tribalpolicyadvisor@water.ca.gov

Tribes and IRWM - *How California Native American Tribes Can Engage in IRWM*:
http://www.water.ca.gov/tribal/docs/Final_IRWM_Tribal_Handout.pdf

California Department of Water Resources Tribal Policy Advisor: <http://www.water.ca.gov/tribal/>

California Water Plan Update 2013: <http://www.waterplan.water.ca.gov/cwpu2013/final/index.cfm>

California Water Plan Tribal Advisory Committee: <http://www.waterplan.water.ca.gov/tribal2/tac/>

California Statewide Groundwater Elevation Monitoring (CASGEM) and Tribal Lands:
<http://www.water.ca.gov/tribal/maps.cfm>

California Native American Heritage Commission: <http://www.nahc.ca.gov/>

Indian Health Services California Area, Drought 2015:
<http://www.ihs.gov/california/index.cfm/offices/office-of-environmental-health-engineering-oehh/division-of-sanitation-facilities-construction-dsfc/drought-2015/>

United States Department of the Interior Bureau of Indian Affairs: <http://www.bia.gov/>

A Guide to Building Cultural Awareness: <http://store.samhsa.gov/shin/content/SMA08-4354/SMA08-4354.pdf>

California Indian Tribal Relations – Training and Information:
<http://calepa.ca.gov/Tribal/Training/default.htm>

Project Development and Evaluation Tools

The following links offer guidance on project development and evaluation.

DWR Economic Analysis Guidance Documents Homepage:
<http://www.water.ca.gov/economics/guidance.cfm>

Proposition 84 2015 IRWM Implementation Grant Program Guidelines:
http://www.water.ca.gov/irwm/grants/docs/p84_implementation/P84_2015%20IRWM_GL_Final_050515.pdf

Sustainability Concepts

The link below provides a method of rating the sustainability of infrastructure, which may lend additional context to discussions of water management projects during the development and evaluation phases.

Envision™ Sustainable Infrastructure Rating System: <http://www.sustainableinfrastructure.org/rating/>

Climate Change Tools

An abundance of tools are available to identify and address potential climate change impacts.

DWR Climate Change Local and Regional Resources Homepage:

<http://www.water.ca.gov/climatechange/resources.cfm>

Climate Change Handbook for Regional Water Planning (USEPA and DWR 2011):

<http://www.water.ca.gov/climatechange/CCHandbook.cfm>

Climate Change Handbook for Regional Planning, Appendix B – Vulnerability Assessment Checklist:

<http://www.water.ca.gov/climatechange/docs/Appendix%20B%20Vulnerability%20Assessment%20Checklist-Final.pdf>

DWR 2014 Tribal Communities Climate Change Vulnerability and Adaptation Matrices:

http://www.water.ca.gov/climatechange/docs/ClimateChange_TribalMatrix_Final_2014.pdf

DWR 2012 CEQA Information for Grantees - Process, Greenhouse Gas Analysis, and Climate Change:

http://www.water.ca.gov/climatechange/docs/CEQA_Information_for_Grantees_final_10-17-12.pdf

DWR 2011 Climate Change Vulnerability Matrix:

<http://www.water.ca.gov/climatechange/docs/CC%20Vulnerabilities%20Chart%20w%20schematic%20on%20back%2011X17%201-21-11.pdf>

DWR 2010 Document Clearing House: <http://www.water.ca.gov/climatechange/docs/IRWM-ClimateChangeClearinghouse.pdf>

California Adaptation Forum (August 2014):

<http://www.californiaadaptationforum.org/program/presentations>

Safeguarding California: Reducing Climate Risk – An update to the 2009 California Climate Adaptation Strategy (CNRA 2014): <http://resources.ca.gov/climate/safeguarding/>

State of California Sea-Level Rise Guidance Document (2013):

http://www.opc.ca.gov/webmaster/ftp/pdf/docs/2013_SLR_Guidance_Update_FINAL1.pdf

California Climate Adaptation Planning Guide (CalEMA and CNRA 2012):

http://resources.ca.gov/climate/safeguarding/adaptation_policy_guide/

CalAdapt - Interactive climate change website: <http://cal-adapt.org/>

California Climate Commons – web portal for climate change data, resources, and guidance:

<http://climate.calcommons.org/>

Sierra Climate Change Toolkit by Sierra Nevada Alliance: <http://upperpit.org/library/documents-data/sierra-climate-change-tool-kit/view>

Upper Pit document depository on planning watershed eco-restoration projects:
<http://upperpit.org/library/documents-data>

Managed Aquifer Recharge Symposium (NWRI 2011):
<http://www.nwri-usa.org/RechargeSymposium.htm>

U.S. Climate Resilience Toolkit: <http://toolkit.climate.gov/>

Being Prepared for Climate Change: A Workbook for Developing Risk-Based Adaptation Plans:
http://www2.epa.gov/sites/production/files/2014-09/documents/being_prepared_workbook_508.pdf

Being Prepared for Climate Change: A Workbook for Developing Risk-Based Adaptation Plans –
Checklists of Potential Climate Change Risks, from Step 3:
http://www2.epa.gov/sites/production/files/2014-09/documents/being_prepared_workbook-step3_checklists_508.pdf

Other Grant Programs

The following links provide information on grant programs administered at the state and federal level.

California Financing Coordination Committee: <http://www.cfcc.ca.gov/>

State Grant Programs: <http://www.grantsloans.water.ca.gov/>

State Water Board Small Wastewater Grant Program:
http://www.waterboards.ca.gov/water_issues/programs/grants_loans/small_community_wastewater_grant/strategy.shtml

California Coalition for Rural Housing: http://www.calruralhousing.org/?page_id=100

California Tribal TANF Program: <http://tribaltanf.cdss.ca.gov/>

DWR Grant Programs: <http://www.water.ca.gov/nav/index.cfm?id=103>

DWR Water-Energy Grant Program: <http://www.water.ca.gov/waterenergygrant/index.cfm>

EPA Wastewater Grant Program: <http://water.epa.gov/type/watersheds/wastewater/eparev.cfm>

EPA Drinking Water Tribal Set-Aside Funds: <http://www.epa.gov/region9/funding/dwtsa.html>

Legislative Information

The following links provide information from DWR's public affairs and legislative affairs offices, as well as specific information regarding the legislation guiding the DWR IRWM Grant Program. The link to the current State Senate and State Assembly maps are provided, as well as the Official California Legislative Information website for queries on past and current legislative bills.

DWR Public Affairs Office: <http://www.water.ca.gov/newsroom/pao/publicaffairs.cfm>

DWR Legislative Affairs Office: <http://www.water.ca.gov/legislation/>

DWR IRWM Grant Program Legislation: <http://www.water.ca.gov/irwm/grants/legislation.cfm>

Official California Legislative Information: <http://leginfo.legislature.ca.gov/>

California State Assembly Maps:

http://www.legislature.ca.gov/legislators_and_districts/districts/assemblydistricts.html

California State Senate Maps:

http://www.legislature.ca.gov/legislators_and_districts/districts/senatedistricts.html

Groundwater Information

The following links provide information on the recent Groundwater Sustainability Management Act passed in 2014 and DWR's CASGEM monitoring and basin prioritizations. DWR's Water Management Planning Tool allows users to visualize numerous water- and groundwater management boundaries.

Water Management Planning Tool Information: <http://www.water.ca.gov/groundwater/boundaries.cfm>

Water Management Planning Tool: <https://gis.water.ca.gov/app/boundaries/>

DWR Groundwater Information Center Homepage: <http://www.water.ca.gov/groundwater/index.cfm>

Groundwater Sustainability Management Act Legislation Homepage:

http://www.water.ca.gov/groundwater/groundwater_management/legislation.cfm

DWR Sustainable Groundwater Management Homepage:

<http://www.water.ca.gov/groundwater/sgm/index.cfm>

DWR CASGEM Program Homepage: <http://www.water.ca.gov/groundwater/casgem/>

DWR CASGEM Monitoring Entities Homepage:

<http://www.water.ca.gov/groundwater/casgem/entities.cfm>

DWR CASGEM Basin Prioritization Homepage:

http://water.ca.gov/groundwater/casgem/basin_prioritization.cfm

Additional Resources

The following resource links have been included for reference or by request. These links provide connection to organizations that support IRWM stakeholders, tribes, and disadvantaged communities.

Rural Community Assistance Corporation: <http://www.rcac.org/home>

California Rural Water Association: <http://www.calruralwater.org/>

Environmental Justice Coalition for Water: <http://www.ejcw.org/>

California Indian Legal Services: <http://www.calindian.org/>

California Rural Legal Assistance: <http://www.crla.org>

Self-Help Enterprises: <http://www.selfhelpenterprises.org/>

Community Water Center: <http://www.communitywatercenter.org/>

State Water Resources Control Board Water Rights: <http://www.waterboards.ca.gov/waterrights/>

State Water Board - Drinking Water Program's Capacity Development Program:
http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/TMF.shtml

California State University Sacramento, Office of Water Programs: <http://www.owp.csus.edu/>

American Water Works Association, California-Nevada Section: <http://ca-nv-awwa.org/CANV/CNS/Home/CNS/Home.aspx>

California Department of Conservation – Resource Conservation Assistance:
<http://www.conservation.ca.gov/dlrp/RCD/Pages/Index.aspx>

Integration of Traditional Ecological Knowledge in Environmental Science, Policy and Decision-Making:
http://epa.gov/osp/tribes/pdf/Integration_TEK_EnvironmentalSciencePolicyDecisionMaking%20Tribal%20Priority_Final.pdf

U.S. Department of the Interior Bureau of Indian Affairs – Traditional Ecological Knowledge:
<http://www.bia.gov/nifc/fuels/ecoknw/index.htm>