

California Department of Water Resources Northern Region Office Organization and Resources



NCIRWM Meeting January 19, 2012
Ukiah, California

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Presentation Overview

- Northern Region Office...Why have a regional office?
- Section Resources...Who do they work for and what do they do?
- Key Contacts...RC, Climate Change, IRWM, etc
- DIRWM Coordination
- California Water Plan 2013 Update





**Northern
Region**

**North Central
Region**

Northern & North Central Region Boundaries



Groundwater and Geology Section

Section Chief: Kelly Staton

Section Resources

- Groundwater Basin Assessments
- Groundwater Elevation Monitoring and Analysis
- Monitoring and Production Well Design and Construction
- Aquifer Performance Testing and Impact Analysis
- Groundwater Management Planning & Implementation
- Conjunctive Use & Groundwater Transfer Analysis
- Dam Site Feasibility Investigations
- Geologic Mapping
- Fluvial Geomorphology

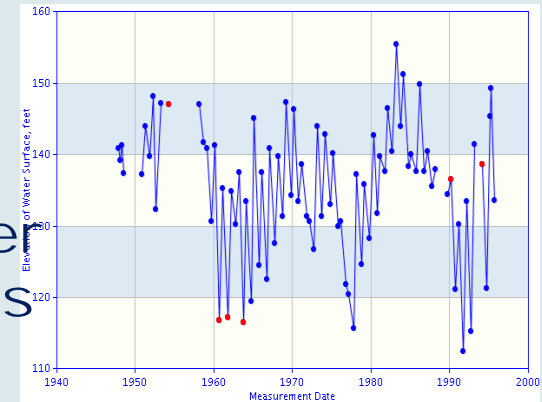


Data Collection and Management Section

Section Chief: Bill Ehorn

Section Resources

- Manage CASGEM
- Collect and Manage GW Level and water quality data and ensure that data meets QA/QC criteria
- Post data to the Water Data Library database
- Perform data management activities to make data available for hydrologic studies, computer modeling, analysis of water transfers and other activities.
- Maintain GW Level and water quality data,
- Assist local agencies with the installation and maintenance of GW monitoring facilities



<http://www.water.ca.gov/waterdatalibrary>

Land & Water Use Section

Section Chief: Tito Cervantes

Section Resources

- Land & Water Use Surveys
- Water Balance Studies
- Climate Data
- CIMIS (CA Irrigation Management Information System)
- Mobile Irrigation Management Lab
- Urban and Agricultural Water Conservation Plans
- Leak Detection Services
- Water Transfers Analysis..
Crop land idling verification



Environmental Compliance Section

Branch Chief: David Bogener

Section Resources

- Climate change specialist responsible for integration of climate change into all NRO activities and planning efforts including calculation of greenhouse gas emissions related to CEQA compliance
- Environmental documentation expertise (CEQA/NEPA)
- Environmental permitting expertise (State and federal ESA, CWA 404 and 401 permits, storm water permits, DFG 1600 permits)
- Wildlife population studies, wildlife habitat analyses, ESA wildlife surveys.



Water Quality Section

Section Chief: Scott McReynolds

Section Resources

- Water quality monitoring on lakes, rivers, streams, and groundwater basins including Smith River Plain.
- Water quality investigations, data management, interpretation and trend analyses
- Biological monitoring, including benthic macroinvertebrates
- Aquatic ecology, limnology, environmental chemistry and fisheries.
- Long term surface water quality monitoring trends on major coastal streams and rivers.



Environmental Services Section

Section Chief: Aric Lester

Section Resources

- Environmental support for a broad range of DWR programs
- Fish, wildlife, botanical, invertebrate, and vernal pool monitoring studies, surveys, and investigations
- Data management and GIS. Enterprise GIS development
- Environmental documentation and permitting
- Watershed condition assessment, restoration project planning, design, and implementation
- Recreation planning and implementation includes the Davis-Grunsky Program



Engineering Studies Section

Section Chief: Teresa Connor

Section Resources

- Fish passage investigations including the design of fish ladders and fish screens
- Surveying services including conventional, GPS, and bathymetric surveying
- Design of recreation and ADA enhancements
- River rehabilitation project design including
- One and two-dimensional hydrodynamic modeling
- DWR is one of the program partners for the USBR Trinity River anadromous fisheries habitat restoration project.



Flood and Watershed Engineering Section

Section Chief: Todd Hillaire

Section Resources

- Hydrologic and hydraulic analysis and modeling, including conceptual design, floodplain mapping, and peer review
- Stream and meadow restoration project formulation, assessment, and design
- Water supply evaluations and operations analysis
- Surface water storage project formulation and feasibility assessments
- Flood control project analysis
- Topographic surveying
- Provide support to the Eureka Flood Center during flood emergencies.



Surface Water Investigations Section

Section Chief: John Clements

Section Resources

- Installation, operation, and maintenance of streamflow gaging stations including telemetry systems
- Design and construction of water control and measurement structures
- Hydrologic and hydraulic analysis and modeling, including flood plain mapping
- Surface water storage project formulation and economic analysis



Watermaster Service Section

Section Chief: Shawn Pike

Section Resources

- Regulation of adjudicated water rights per Superior Court decrees
- Flow measurement with gages, acoustic doppler, weirs, orifices and flumes
- Coordination with federal and State agencies to administer diversion of water in overlapping jurisdictions
- CAD mapping and database records.
- Logging and reporting field activities



PROGRAM COORDINATION SECTION

Regional Coordinator: Mary
Randall

Section Resources

- Grant program administration and project management.
- Enhance communication with internal and external partners
- Coordinate DWR outreach efforts
- Point of contact for data requests
- Promote IRWM and other DWR Programs

FloodSAFE and California Water Plan
IRWM Facilitation and Technical Services



California Water Plan 2013

- Regional Forums are being conducted
- Purpose and Objectives of Forums
- Need for participation
- Possible connection with the scheduled April meeting in Yreka





Key Contacts

- Office Chief: Curtis Anderson
- Regional Coordinator: Mary Randall
- Climate Change Scientist: Peter Coombe
- Drought Coordinator: Margie Graham
- Incident Command Lead: Todd Hillaire
- Tribal Liaison: Tito Cervantes
- IRWM POCs:
 - IRWM Regional Office Lead: Mary Randall
 - Upper Sacramento, Pit River, North Coast IRWMs: Margie Graham
 - LGA's IRMW: Kelly Staton and Staff



Questions?



What's that
office in Red
Bluff for?

