

Statewide Data Program Needs Assessment

North Central Regional Office Central California Water Management Programs
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Program Description

The programs include:

The Central California Water Management Program is used to back-stop Headquarters' programs, such as the Drought, California Water Plan, IRWM and Climate Change.

Recreation is paid for by the Davis Grunsky fund.

Truckee River Operating Agreement

National Flood Insurance Program

Groundwater Information Programs at the State Water Resource Control Board

Truckee, Tahoe, Carson and Walker basins. DWR uses Federal funds for monitoring sites. Sites on the Truckee River for water quality were turned over to Bob Nozuka's group to maintain.

The stakeholders want to know the long term trends of biological resources. There was not much data being collected in the Lahonton Basin. A long time ago, Mike Cooney created a data base of what data was available. The State of Nevada is using a single data base. Federal agencies measure stage, flow and reservoir releases.

Under a Federal District Court in Reno, the Department is required to report on uses in the Truckee, Tahoe and Carson basins. There are uses outside of the basins too; so there is a need to work with water utilities, cities, counties and individuals to determine all the water uses. There is a need to identify the well locations in the Truckee Basin to comply with the Truckee River Operating Agreement. The sites on the Truckee used to be paid for by the Water and Environmental Monitoring Fund.

The Walker Basin is being negotiated. In this basin, there is some data to support an operating agreement. People do not want to share the data because it might restrict what they can negotiate.

The program works with the counties in California, the State of Nevada and the Federal government. Work is being duplicated.

USBR and the Watermaster are monitoring the river, like on the Truckee River
USGS is monitoring stream gauges

DWR will use a model of scenarios to optimize the uses within the basin.

National Flood Insurance Program

Over time, maps deteriorate. How is the Department supposed to manage these maps? These are used to identify who was under what estimated flood conditions (and therefore legal obligations for building requirements) at a given time. The estimates change, and therefore the maps change. But the historic data is necessary to preserve.

Davis Grunsky

The focus is on recreation. The Department administers about 50 grants. At one point, the Department did recreation surveys, including the number of recreation days, number of fish caught. This data was collected on data sheets.

SWP Recreation

This is a 50-year old program. Data from this program is fragmented between the Division of Environmental Services, Division of Operation and Maintenance, the Public Information Office (in DWR) and other agencies (outside of DWR). There could be improved coordination between the agencies. The numbers are reported in Bulletin 132.

Climate Change

There are volunteer precipitation observers. This data goes into Water Data Library. Erin is working with Jim Goodridge to prioritize stations and formalize the data set.

The Regional Office has 10 file cabinets of data sheets (observed data), and has a need to preserve it.

The Climate Change program has a need to simulate change for small regions of the State. To do this, the program will have to use the broad output, and refine it to fit regional estimates. Erin does not know what the data needs for the models are.

California Water Plan and Water Portfolios

The Beast needs a defined workflow, and a single authoritative set of numbers. After that, we can work on accuracy and repeatability.

The regional reports for the California Water Plan, and the analysis that accompanies them, are always done off to the side (outside of the California Water Plan funding).

River gauges are hardly used in the water balances.

There is little or no collaboration between programs.

The IRWM programs need a master calendar and a schedule program. There is WIC.

The Bond Management System needs more work at the regional level. Most of the work is done at Headquarters.

Central California Water Management

Funding has gone towards the drought and flood reports (Central Valley Flood Protection Plan?).

None of the funding has gone towards data collection. If anything, it goes for analyses and studies.

Data Needs

What re the long-term efforts by the Department?

There is a need to coordinate with the Water Use Efficiency Branch on land use and urban water management plans.

There is a need to be consistent within the Department.

The Central California Water Management Program had a successful budget change proposal. About half of the BCP goes to Truckee River Operating Agreement.

What Data does the Program Use

Data Management

Unmet Needs

Apportioning Costs

Data collection and maintenance are long term investments.

No program will pay for public data requests.

It is hard to charge the full cost of anything.

Other Issues

None were discussed.