

Statewide Data Program Needs Assessment

Environmental Compliance and Statewide Planning Branch

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April 3, 2012

Program Description

The branch works on climate change, land and water use, environmental compliance and other issues. With environmental compliance, DWR is the lead agency for the San Joaquin River EIR permit.

The branch works for the San Luis Field Division, the San Joaquin Field Division on identifying threatened and endangered species.

Karen manages people, nto money.

Land and Water Use collects data. They estimate agricultural, urban and managed wetlands water use, CIMIS, evaporation pan data, urban water management plans, agricultural management plans, land use, irrigation type. (Morteza sends out surveys rather than trying to get the information from the regional office. Steve is not too happy about that.)

CIMIS is used by the UC Integrated Pest Management program for all sorts of products, such as chilling hours. Consultants use CIMIS too. The regional office maintains about 42 CIMIS stations.

The Kings River Conservation District produces irrigation requirements using the past seven days and the next seven days forecast.

The Land use program does not map urban landscapes. They are missing a lot of urban data.

DWR has the volunteer climate network. Most of that data is in boxes, not in some electronic form.

There is no GIS analyst in the office. Other regional offices (Northern Region Office and North Central Region Office have them). Steve thinks this is a problem.

The land use program has to cover a very large area.

Consultants come to DWR for data about studies the consultants are doing for DWR.

The program does not get much direction from Headquarters. They are talking about it, but so far it is just the beginning of the conversation.

The land use program does not capture the water source for a field. Northern Region Office does more outreach than South Central Regional Office, but the two offices detail the same linework.

The land use program uses Landsat imagery.

The land use program uses the PWSS surveys and population data.

Climate program, and the entire office, needs an archivist or librarian. No one has any confidence in a single organization system.

The Environmental Compliance section does not really do analysis; they do field work and compliance. They might use the data for small projects. They use aerial photographs from the most recent NAIP imagery and Google Earth. They use topo maps. They use the California Natural Diversity Database.

The Climate program has a volunteer network. This is not well organized. They have historical data (say until 2009), but recent data. Their recent data is missing.

The climate program would like anything IRWM groups need to evaluate climate change. The CCTAG is a group of professionals that is looking into what is necessary to downsize the global and regional climate models.

The program does not really know what data to collect.

There is a need to analyze the data, but it cannot be done now.

What data does your program need to be successful?

The land use program would like annual, county land use surveys to estimate agricultural water use.

Baseline data is not always collected, but is needed when there is a project. If DWR had continued to collect the flow data it did in the 1970s, we would be in better shape.

With CEQA Notice of Preparation, the date of the notice defines the baseline. Depending on the year and the conditions, this may or may not be reasonable. Often other data can be used to explain why, but you need the other data to defend the position.

When doing searches for baseline data, you often only get old numbers. The numbers may not be comprehensive, or may need a lot of work to compile.

Do you have the data your program needs?

Is data managed in a way that meets your program needs?

An emphatic NO. There was a long discussion about Documentum. There is no system that is used in the Department, and no one way that would seem to work for everyone. The folks in the regional office do not have any confidence that they could come up with a system that would work reasonably well.

Could DATASPACE work for these folks?

Do you have unmet needs

The regional office staff needs dollars and staff to collect the data.

How are you accountable as a program manager?

Apportioning Costs

Other Issues –

How do you budget?

The branch does it best to match the tasks to the dollars, the way it should be done.