

Statewide Data Program Needs Assessment

California Central Valley Flood Protection Plan Program Terry Wegener and Hoa Ly

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Program Description

The California Central Valley Flood Protection Program will make policy and technical recommendations in 2014 in a report to the Legislature. The Program will provide a gap analysis of physical and economic impacts of floods, maps of flood probabilities, and identify what levees need funding. This will not be an implementation plan. It will address issues throughout the State.

Data Needs

Terry does not know what spatial scale the report will work at. A lot depends on what information local and regional organizations have. She hopes to work at the planning area level, but has not yet made a decision.

The Central Valley Flood Management Program addresses flood issues in the Central Valley at a detailed level, where the Department has responsibility for levees. Of note, the CVFMP does not address the Delta. This program addresses flood issues in the rest of California.

The Program will not collect new data. It will use:

- FEMA flood maps
- Hydraulic and hydrology models of flooding
- Economics for estimating damages
- Population
- Climate change for future scenarios
- Parcel and structure information for estimating the values in floodplains

Data Management

Terry has not thought about how to manage the data. She wants to be smart about what she does. The Program will end up using a lot of information. It would be nice if all that information were in one place, stored at DWR, and available to everyone (event consultants working on the project) in some password protected way. Information the

Program is using is currently stored by the consultants, and any access is through them. The current thinking is to store the information in CDEC.

One of the issues is how to transfer large files, even Word documents with graphics in them. There is no easy way to do this.

The applications that the Program relies on are:

HAZUS – a GIS program for emergency response.

GIS in general. The Division of Flood Management uses GIS to organize information about levels.

Data Management

In our discussion of how to apportion costs, Terry suggested that a percent of programs go to pay for data, or that data programs be on overhead. Right now, if there is a pressing need for data, a program will pay for it. Other programs may not be aware that the data is being collected, or have a say in what is collected.

Other Issues

Terry suggested that we talk with the Division of Flood Management. Start with Gary Bardini, and he will suggest other names.

Mike Mierzwa is informally in charge of data coordination

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Levee Evaluation

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