

CALFED SHORT-TERM GEOGRAPHIC INFORMATION SYSTEMS (GIS) PROPOSAL

CALFED Staff is Proposing the Following Steps:

1. Form a small GIS technical group consisting of staff from the following agencies/ organizations (invite CALFED Agencies to participate)
 - DFG
 - DWR
 - CALFED Consultant
 - CALFED Bay-Delta Program
 - USBR
 - UC Davis, California Rivers Assessment
 - UC Berkeley, Research Program in Planning and Geographic Information Systems
 - San Francisco Estuary Institute

This Technical Work Team Would:

- a) Define short- and long-term GIS and mapping needs
 - b) Define the anticipated scope of work
 - area of coverage
 - data capture
 - analysis
 - modeling
 - map production/graphics
 - demos/presentations
 - c) Decide which GIS software/hardware the CALFED Bay-Delta Program should acquire
 - d) Allocate workload based on existing staffing, expertise and end use (and propose new staff, if necessary)
 - e) Decide where the CALFED-developed data will be archived?
2. Develop the in-house capability for CALFED staff to browse, manipulate and plot geographic data;
 3. Rely on CALFED Agencies and contractors for the "lion's share" of data development (i.e., digitizing, scanning, etc.); and

4. Acquire the Following Hardware/Software:

- 2 or 3 ARCVIEW licenses (ARCVIEW is a suite of GIS data browsing, analysis, and plotting tools);
- large format, color plotter for graphical, CAD and GIS output;
- large monitor and PC (powerful enough to run GIS software);
- digitizing board and 2+ Gbyte hard drive to support new ARCVIEW GIS station and existing CAD station.