



**CALFED
BAY-DELTA
PROGRAM**

1416 Ninth Street, Suite 1155
Sacramento, California 95814

(916) 657-2666
FAX **(916) 654-9780**

January 15, 1999

To Interested Parties:

Attached for your review is a draft CALFED Comprehensive Monitoring, Assessment and Research Program (CMARP) report. The CMARP Steering Committee, an agency and stakeholder technical group, prepared this report for CALFED. The membership of the committee is listed in the report.

The report describes the progress that has been made and the recommendations that have been proposed to achieve the following goals:

- work with CALFED partners to refine program goals and objectives;
- develop conceptual models in each of the program elements;
- design a comprehensive monitoring and assessment program;
- identify key research questions and establish a research-support process, and
- propose an institutional framework

The information in this report was developed based on the needs of the eight CALFED programs (Ecosystem Restoration, Water Quality, Delta Levees, Storage, Conveyance, Water Transfers, Water Use Efficiency and Watershed Management) and supporting programs (Category III and Conservation Strategy). Monitoring and research recommendations address those gaps in our knowledge associated with the four problem areas in the Bay-Delta system identified by CALFED (Ecosystem Quality, Water Supply Reliability, Water Quality and Levee System Integrity). Over thirty work teams were convened to discuss and synthesize our knowledge of the relevant system processes, interactions and stressors, and to develop recommendations for monitoring and research programs that are consistent with meeting CALFED's goals and objectives. The CMARP Steering Committee has summarized the work team recommendations in this report.

The complete technical reports from each of the work teams are available as appendices on the CALFED web site.¹ Please contact Leo Winternitz at (916) 227-7548, (Lwintern@water.ca.gov) for more information.

¹Address: [HTTP://CALFED.CA.GOV/PROGRAMS/CMARP.HTML](http://CALFED.CA.GOV/PROGRAMS/CMARP.HTML)

CALFED Agencies

California
The Resources Agency
Department of Fish and Game
Department of Water Resources
California Environmental Protection Agency
State Water Resources Control Board

Federal
Environmental Protection Agency
Department of the Interior
Fish and Wildlife Service
Bureau of Reclamation
U.S. Army Corps of Engineers

Department of Agriculture
Natural Resources Conservation Service
Department of Commerce
National Marine Fisheries Service

Please review the draft report and provide us with your comments by 5:00 P.M., February 12, 1999. Send all comments to Leo Winternitz at 3251 "S" Street, Sacramento, CA 95816.

Thank you for your interest and your assistance in helping improve the content and usefulness of this report.

Sincerely,

A handwritten signature in black ink, appearing to read "Lester A. Snow", with a long horizontal flourish extending to the right.

Lester A. Snow
Executive Director