

PHASE 1 INFORMATION

Phase 1 evaluated the risk and consequences to the State (e.g., water export disruption and economic impact) and the Delta (e.g., levees, infrastructure, property, and ecosystem) associated with the failure of Delta levees and other assets considering their exposure to all hazards (seismic, flood, subsidence, seepage and sea level rise, etc.) under present as well as foreseeable future conditions. The evaluation assesses the total risk as well as a disaggregation of the risk for individual islands. The DRMS Phase 1 [Executive Summary](#) (PDF: 1.9MB) presents the key findings from the Phase 1 Report.

The Phase 1 Report has been favorably reviewed by an Independent Review Panel (IRP) comprised of technical experts. The IRP members were selected by the CALFED Independent Science Board (ISB). The review, including comments and responses, is available in Appendices A&B of the DRMS Phase 1 Report.

Final Phase 1 Report 2009	Draft Phase 1 Report 2007	IRP Review Information 2008	IRP Review & Comments 2007	Other Information 2007
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Posted - March 2009

→ **Executive Summary**

[Low Resolution](#) (PDF: 1.9MB)

[Medium Resolution](#) (PDF: 24MB)

[Risk Report: Section 0](#) (PDF: 71KB) - Preamble, Perspective, Table of Contents, Definition of Terms

[Risk Report: Section 1](#) * (PDF: 399KB) - Introduction

[Risk Report: Section 2](#) * (PDF: 13.9MB)- Sacramento/San Joaquin Delta and Suisun Marsh

[Risk Report: Section 3](#) (PDF: 48KB)- DRMS Risk Analysis Scope

[Risk Report: Section 4](#) (PDF: 485KB)- Risk Analysis Methodology

[Risk Report: Section 5](#) * (PDF: 13.6MB)- 2005 State of the State and the Delta

[Risk Report: Section 6](#) * (PDF: 20.7MB)- Seismic Risk Analysis

[Risk Report: Section 7](#) * (PDF: 10.4MB)- Flood Risk Analysis

[Risk Report: Section 8](#) (PDF: 1MB)- Wind and Wave Risk Analysis

[Risk Report: Section 9](#) * (PDF: 718KB)- Sunny-Day Risk Analysis

[Risk Report: Section 10](#) (PDF: 102KB)- Responding to Levee Breaches

[Risk Report: Section 11](#) (PDF: 2.3MB)- Salinity Impacts

[Risk Report: Section 12](#) (PDF: 6.5MB)- Consequences Modeling

[Risk Report: Section 13](#) * (PDF: 4.4MB)- Risk Analysis 2005 Base Year Results

[Risk Report: Section 14](#) (PDF: 525KB)- Risk Analysis for Future Years

[Risk Report: Section 15](#) (PDF: 33KB)- Assumptions and Limitations

[Risk Report: Section 16](#) * (PDF: 181KB)- References

[Risk Report: Appendix A](#) (PDF: 4.6MB)

- Comments of the Steering Committee Members and Member Agencies on the April 24, 2007, Draft of the Risk Analysis Report and the Technical Memoranda (Various Dates) and the Responses of the Consulting Team

[Risk Report: Appendix B](#) (PDF: 3.5MB)

- Comments of the Independent Review Panel on the June 26, 2007, Draft of the Risk Analysis Report and the Responses of the Consulting Team and Comments of the Independent Review Panel on the July 2008 Draft of the Risk Analysis Report

* Updated December 2009