

Update on *State of Science for
the Bay-Delta System Report*
Process and Schedule

Independent Science Board meeting
February 22, 2007

Vision for *State of Science Reporting*:

Compile, synthesize, and communicate the current scientific understanding of the Bay-Delta ecosystem to support ecosystem and resource management

- Envisioned as ongoing, iterative process with periodic updates
- Develop into a multi-participant, collaborative approach
- Each edition would incorporate four components
 - State of scientific knowledge: *How the system works*
 - State of system: *How is the system doing*
 - State of programmatic implementation: *How is the program doing in meeting stated goals/objectives*
 - State of scientific integration: *How well is science being used/applied in management and decision-making*
- Responsive to priority Bay-Delta issues

2007 State of Science Report:

1st Edition Goals

- Primary focus will be on state of scientific knowledge relevant to End of Stage 1 decisions and Delta Visioning process
- Incorporate multi-participant approach, time permitting
- Content development primarily driven by discussions and collaboration among authors, editors, and the editorial board

General Chapter Guidance

1. System setting, including hydrographic characterization, changes to setting due to human modifications, future stressors
2. Description of ecosystem management strategies with emphasis on water operations
3. Ecosystem function and services in context of current management and regulatory framework
4. Outcomes, indicators, response detection
5. Management tools, science integration and decision making

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Organizational Structure and Process

Chapter Authors

Under general direction of Editorial Board, Chapter Authors will work closely with Technical Editor(s) to develop and produce chapter content.

Chapter Authors will be subject matter experts, closely familiar with the Bay-Delta system. Their knowledge will help define each chapter.

Technical Editors

Responsible for guiding chapter authors in content development. Work closely with Editorial Board to ensure that each chapter provides scientifically and thematically relevant information.

Science Program Technical Staff

Editor

Develops writing guidelines for report—style, convention—editorial consistency, final packaging

Robert Ullrey

Editorial Board

Provides process and product oversight, content development guidance, technical content review

Lead Scientist—Michael Healey

Managing Editor—Jana Machula

ISB Advisor—Richard Norgaard

Science Program Advisor—Michael Dettinger

ISB

Ensuring high scientific standard and provide final report review

Timeline and next steps

- February 07 → Editorial Board appointed
Technical Editors assigned
- March 07 → Chapter Authors signed
- June 07 → First drafts due and presented to ISB
- July/August 07 → Chapter drafts out for external peer review
- September/October 07 → Final drafts due
- November 07 → draft SOSBDS report to ISB for review
- December 07 → 1st edition of SOSBDS report released