

DRAFT

Science Needs Assessment: Integrating Science Expertise for a Changing Delta

May 5, 2022 (Draft)

Outline for discussion at the Delta Independent Science Board's (Delta ISB's) May 17, 2022 meeting

Components of reboot effort/ Final report to Delta Plan Interagency Implementation Committee (DPIIC):

1. Executive Summary
2. Problem Statement: Rapid and Uncertain Changes for the Delta (done, but summarize) – Larger sustainability objective context for ecology, water supply, and society.
3. How We Got Here (done, but summarize and update)
4. What has been accomplished
 - a. Findings
 - b. Forecasting focus to better integrate and apply science
 - c. Ideas for governance (in Appendix)
 - d. Needs for breadth and depth in Delta science expertise
5. What We Need to Do
 - a. Interagency Forecast-focused Science
 1. Environmental and water supply operations and forecasting
 2. Salinity and water quality forecasting
 3. Harmful algal bloom and invasive plant forecasting
 4. Invasive species forecasting
 - b. Leadership and governance for agency-spanning Delta science
6. Appendices
 - a. Documentation for Findings (from workshop panels, etc.)
 - b. Forecasting effort precis for 2 to 4 focused efforts
 - c. Ideas for Delta Science Governance
 - d. Rapid change challenges report
 - e. Anything else?

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Activities to complete a report:

1. Decide what we (Delta ISB) want to do, and outline it concisely
2. Discuss this with broader circle of those involved with Science Needs Assessment, likely modify
3. Draft a draft report for Delta ISB and broader discussion
4. Public review draft
5. Finalize and discuss with DPIIC members

Questions

How might Voluntary Agreement science activities fit in?

How can we structure difficult policy discussions for DPIIC?