

## Geographic Review Panel 1 – Bay Delta

**Proposal number:** 2001 – F208

**Short Proposal Title:** Sediment and Hg Fate and Transport Models to Guide Monitoring and Management in the Delta

- 1. Applicability to CALFED ERP Goals and Implementation Plan and CVPIA priorities, and relevance to ERP and CVPIA priorities for your region.** The proposal is an outgrowth of CALFED directed action for Hg (99-B06). It is relevant to ERP goals and CVPIA priorities to the extent that the study address methyl mercury in the water and sediment and in fish tissues.
- 2. Linkages/coordination with previously funded projects or other restoration activities in your region.** Applicant states project team will include individuals currently working on Hg and sedimentation investigations in the Delta, including one who is a participant in previous CALFED (99-B06) work. Proposal lists previously funded studies, and proposal project would collaborate to provide missing links to these projects, as well as to ongoing sediment mercury studies.
- 3. Feasibility, especially the project’s ability to move forward in a timely and successful manner.** There is disagreement amongst the individual scientific reviewers and the TARP as to feasibility of timing. The panel feels the timeline is ambitious for development of new models.
- 4. Qualifications of the applicants and others involved in implementing the proposed project.** Applicants and proposal collaborators are qualified.
- 5. Local involvement (including environmental compliance).** Research project only.
- 6. Cost.** Seems reasonable.
- 7. Cost sharing.** \$40,000 – local, Sacramento River Watershed Program \$93,000 – grant, Danish Hydraulic Institute
- 8. Additional comments.** Ensure coordination with other ongoing activities. Modeling exercises should be very closely linked.

The effects of mercury contamination on the biota (population effects) are not well quantified.

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### Regional Ranking

**Panel Ranking:** Medium

**Provide a brief explanation of your ranking:** Regional needs for a mercury transport model well established and justified by applicant. Questions and differences in scientific reviewer's assessment of the proposal lowered its rating, even if technically sound.