

Planned Independent Science Engagements

Logic Chain

Engage advisors to provide feedback on example logic chains and convene review panel to refine proposed metrics and monitoring.

Engagement	Schedule
<p>1. Logic Chain Examples</p> <ul style="list-style-type: none"> ▪ Review winter-run and long-fin smelt logic chains as “proof-of-concepts” as recommended by the first Logic Chain Review Panel. ▪ Ron Kneib, and David Hankin to serve as advisors. ▪ As a member of the first Logic Chain Review panel, Cliff Dahm will help orient and guide the advisor’s review. 	Week of July 12th and 19th
<p>2. Logic Chain Metrics Review Panel</p> <ul style="list-style-type: none"> ▪ Review key species objectives and proposed metrics. ▪ Cliff Dahm (chair), Denise Reed, Kenny Rose, Gary Grossman, and Kurt Fausch. 	August 4 th and 5th
<p>3. Metrics Workshops</p> <ul style="list-style-type: none"> ▪ Series of small interactive workshops with Advisors, members of the Logic Chain Workgroup, and other technical staff with experience in monitoring. ▪ Screen and refine potential metrics based on objectives, existing programs, and funding constraints. 	Mid July to Mid August

Effects Analysis

- Engage advisors to assist with product refinement prior to conducting a formal review.
- Organize focused workshops structured as interactive brainstorming sessions to explore specific technical issues. Potential issues include: methods for aggregating the effects of multiple conservation measures; addressing uncertainty; entrainment; and predation.

Engagement	Schedule
<p>1. Effects Analysis Methodology Workshop(s)</p> <ul style="list-style-type: none"> ▪ Assess what if any additional analysis is needed beyond existing Federal efforts 	Mid July to Mid August
<p>2. Effects Analysis Review</p> <ul style="list-style-type: none"> ▪ Same as that proposed by June 9 Integrated BDCP BiOp Strategy. ▪ Convened by DSP to review findings of Effects Analysis Review panel members to be identified and selected by DSP 	September 2010

Independent Science Advisors and Reviewers

Standing Advisors

- Clifford Dahm, Ph.D., Lead Scientist, Delta Science Program
- Anke Mueller-Solger, Ph.D., IEP Lead Scientist
- David Hankin, Humboldt State University
- Ron Kneib, consultant
- Wayne Spencer, Ph.D., Conservation Biology Institute

Advisors would interact with workgroups or other technical staff (including the SAIC consultant team) regarding specific topics or technical issues as products are being formulated. Engagements would be structured through the Facilitation Team, but could involve a variety of approaches ranging from conference calls to full-day workshops. Each engagement would result in a written product summarizing the discussion and input.

Potential Review Panel Participants

Fish/Fisheries Experts:

- Kurt Fausch, Colorado State University
- Gary Grossman, University of Georgia
- Guillermo Giannico, Oregon State University
- David L.G. Noakes, Oregon State University

Adaptive Management/Monitoring Experts:

- Jason Dunham, Oregon State University
- Alan Herlihy, Oregon State University
- Bill Dennison, University of Maryland
- Steve Bousquin, South Florida Water Management District
- John Teal, Woods Hole (retired)
- Fran Sheldon, Australia Rivers Institute /Griffith University

Previous Panel Members:

- Denise Reed, University of New Orleans
- Kenneth Rose, Louisiana State University
- Inge Werner, University of California Davis
- Mark Stacey, University of California Berkeley
- Peggy Fiedler, Ecosystem Science and Natural Resources Management Services
- Geoffrey Geupel, PRBO Conservation Science

Proposed Logic Chain Review Panel (Aug 4-5, 2010)

- Clifford Dahm
- Denise Reed
- Kurt Fausch
- Gary Grossman
- Kenneth Rose