


# Integrated Assessment Plan



Update  
TAMWG & TMC  
Fall, 2006

## IAP Purpose

Prioritized & Integrated Assessments that:

1. evaluate long-term progress towards achieving Program goals and objectives; and,
2. provide short-term feedback to improve Program management actions by testing central hypotheses and reducing management uncertainties.

## Background

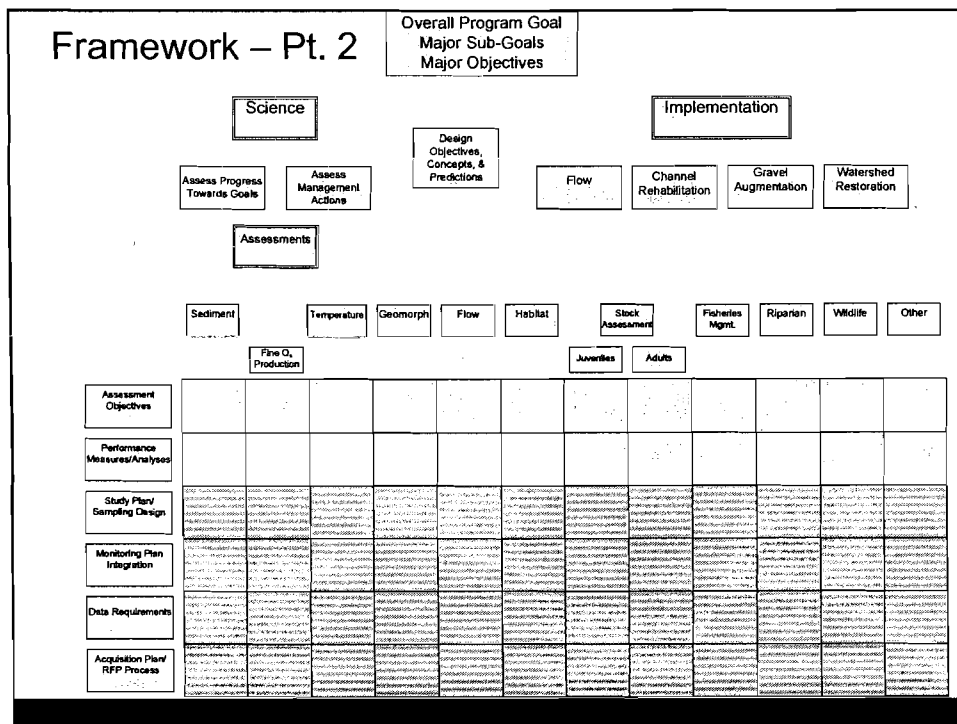
- Science Framework Workshop – Fall, 2004
- Conceptual Models & Hypotheses – Jan 2005
- IMEP v0.5 – January 2006
- IAP Schedule & Resolution Round Table – May 2006
- IAP Steering Committee – June 2006
- IAP v0.9 – November 2006
- IAP Review – November 2006

## Progress

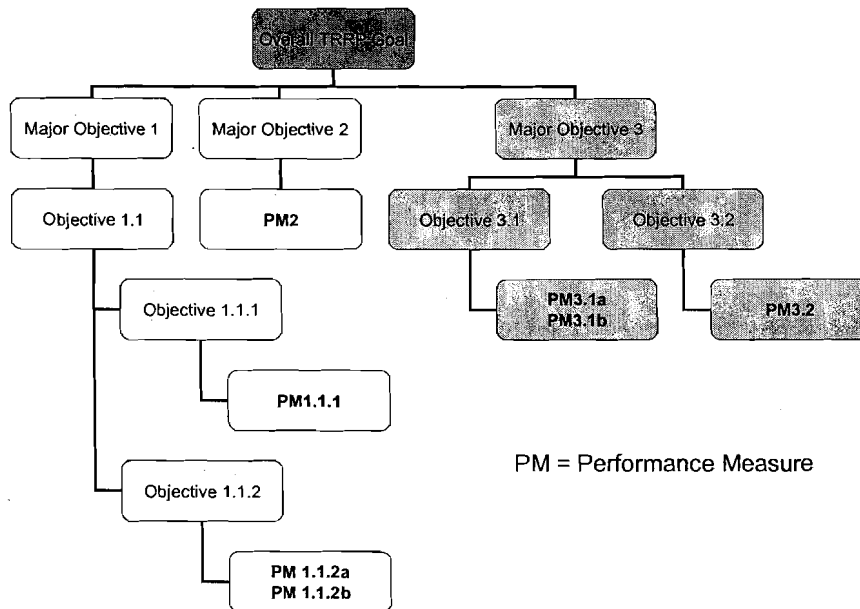
- Schedule – TMC Approved thru 6 Dec 06
- IAP Goals & Objectives Document – Finalized
- IAP Part 1 v0.9 – Submitted to SAB 2 Nov 06
- High-Level Policy Issues – Submitted to TMC & TAMWG mid November
- IAP Review meeting 27 Nov – 1 Dec
- SAB Review & Recommendations
  - Available for your review and discussion today
- Proposed Schedule Extension

# Next Steps

- Plan Part 2 (Now)
- Finalize Part I (March 07)
- TAMWG & TMC concurrence (March 07)
- Draft Part 2 (Jan-Sep 2007)
- Review Part 2 (Oct 2007)
- Finalize Part 2 (Nov 2007)
- TAMWG concurrence; TMC Adoption of IAP v1.0 (Dec 2007)



## Framework – Pt. 1



## Framework

1. Overall Programmatic Goal
  - Sub-goals or Program Objectives
2. AEAM Context
  - Progress towards overall goal
  - Efficacy of annual management actions
3. Assessments
  - Assessment Objectives
  - Justification Criteria
4. Performance Measures

## Framework (cont.)

5. Analyses
  - Study Plans/Sampling Designs
6. Data Requirements
7. Acquisition Plan/RFP Process

## Draft Program Goal

**The *goal* of the TRRP is to...**

...restore and sustain natural production of anadromous fish populations downstream of Lewiston Dam to pre-dam levels, to facilitate dependent tribal, commercial, and sport fisheries' full participation in the benefits of restoration via enhanced harvest opportunities.

**The TRRP strategy for accomplishing this goal...**

...restores and perpetually maintains fish and wildlife resources (including threatened and endangered species) by restoring the processes that produce a healthy alluvial river ecosystem.

**The above restoration strategy will be achieved by...**

...implementing management actions in a science-based adaptive management program.

## The Trinity Experimental Strategy

- A combination of mechanical alterations and vegetation removal in addition to managed high-flow releases in the spring will promote geo-fluvial processes leading to a new channel form that is expected to provide significantly increased spawning and rearing habitat for anadromous salmonids

## Central Hypothesis No. 1

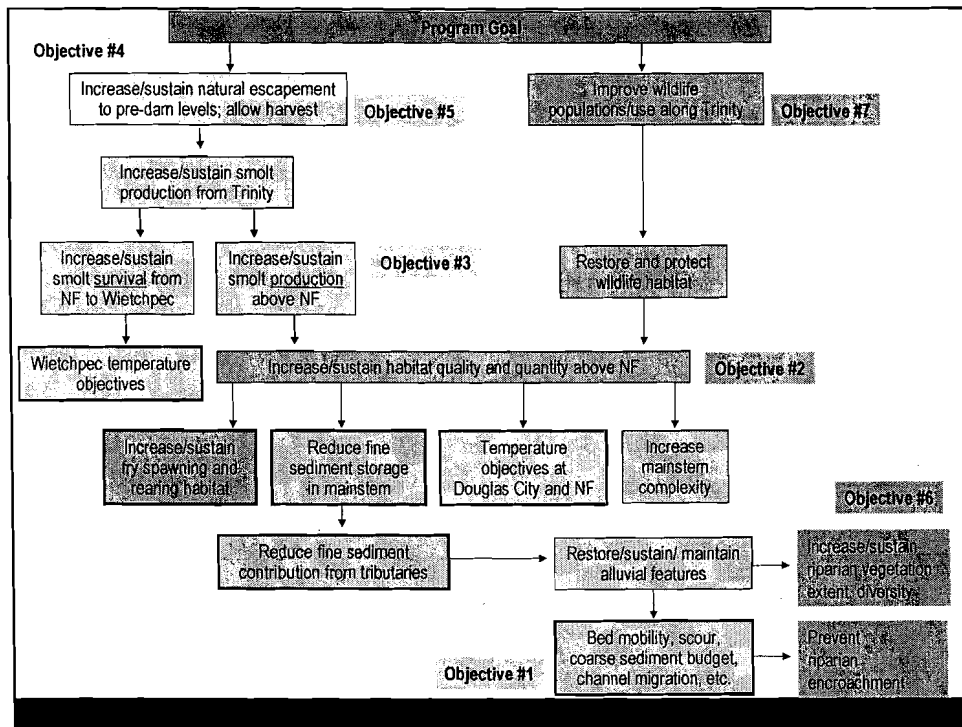
- Habitat diversity in upper river, both on the meso- and micro-habitat scale, will increase following the implementation of the restoration strategy

## Central Hypothesis No. 2

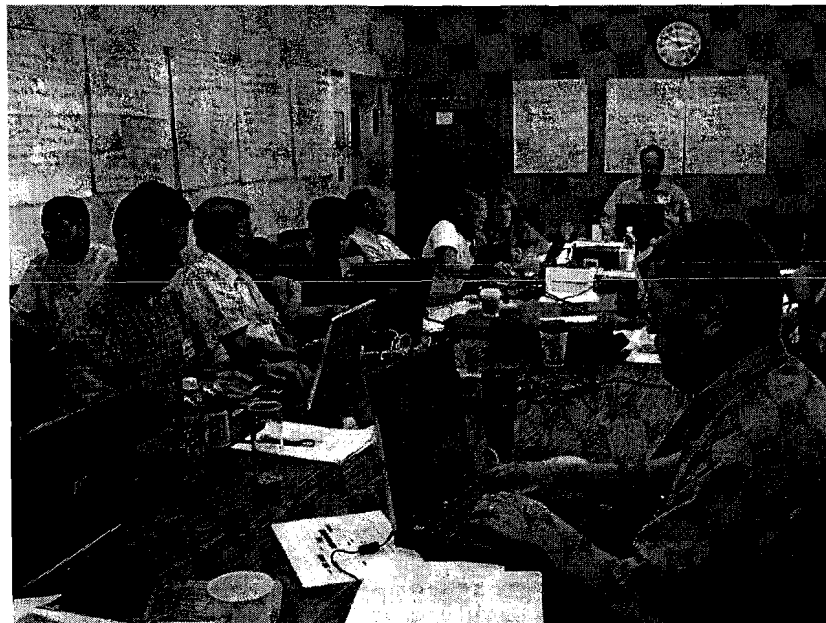
- Juvenile salmonid rearing habitat, believed to be limiting smolt production in the Trinity River, will increase in both quantity and quality following the creation of a more complex and dynamic channel form

## Central Hypothesis No. 3

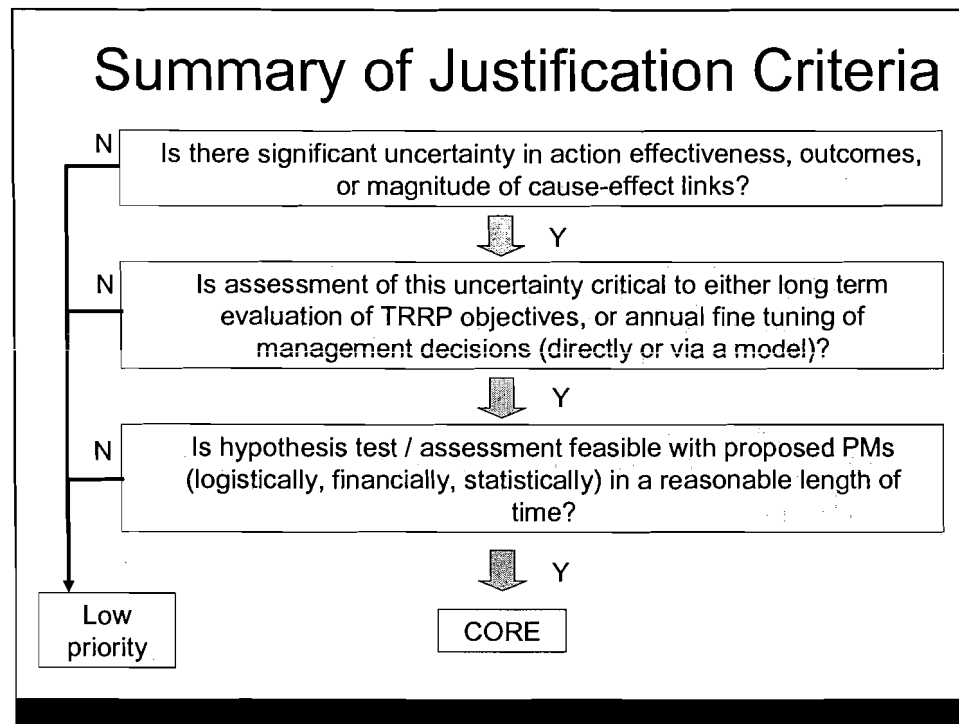
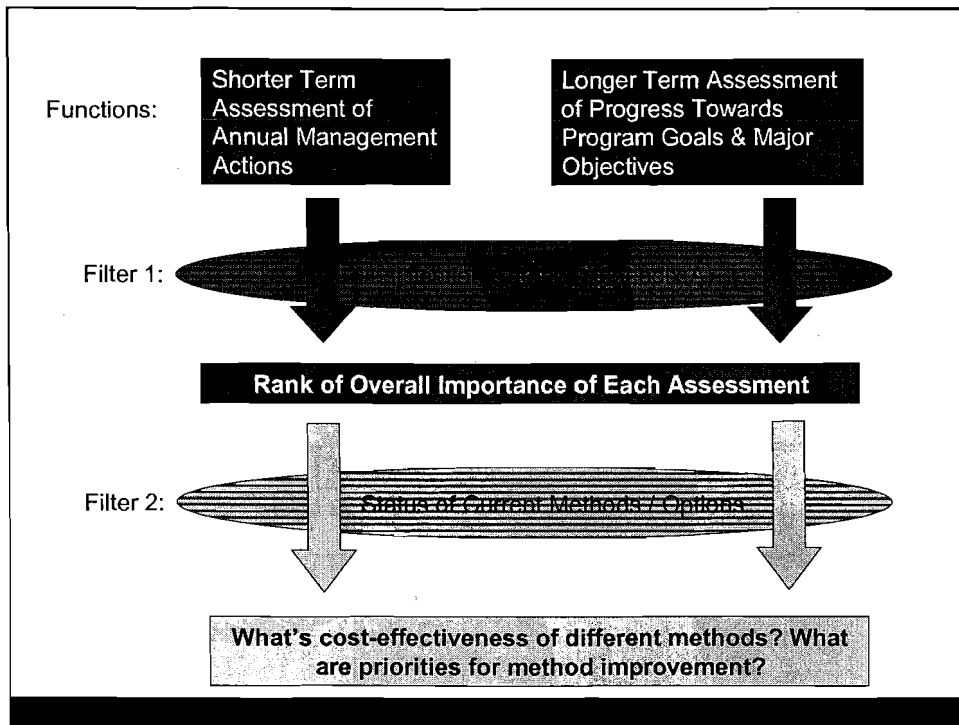
- Salmonid smolt survival will improve as a result of better temperature conditions that increase growth and promote extended smoltification and reduced travel time associated with emigration

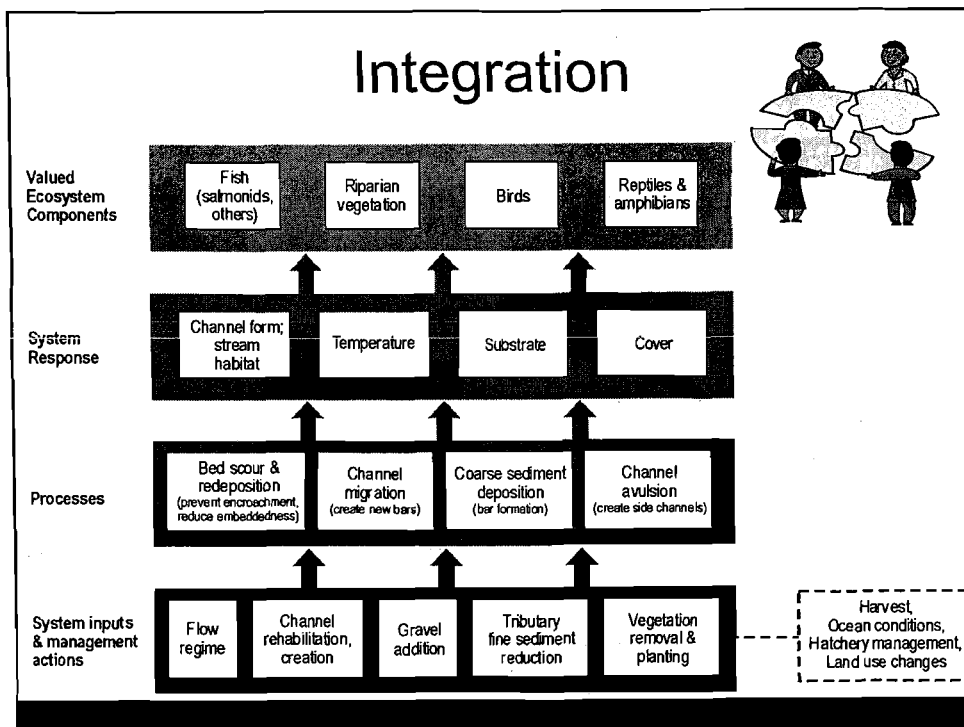
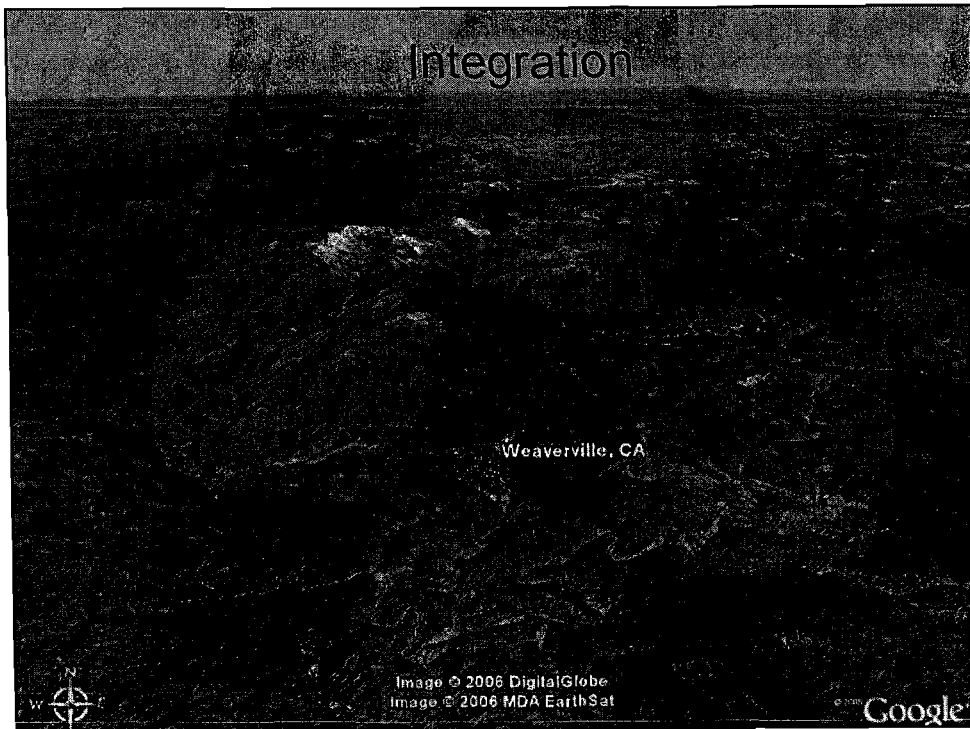


Add lot's of work...

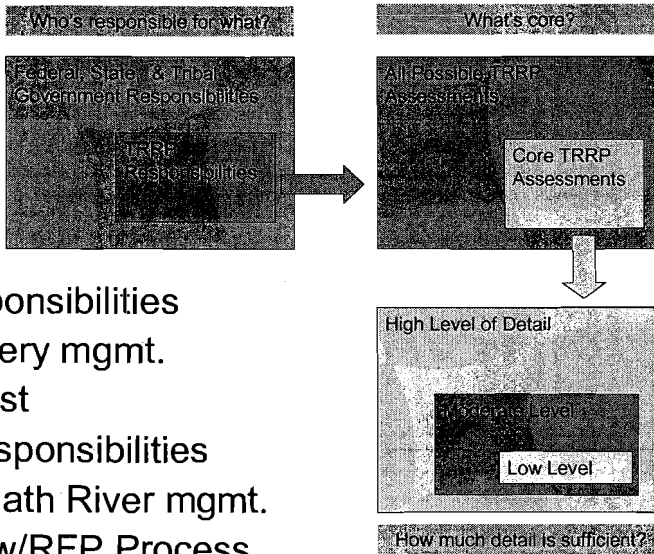








# Unresolved Issues



1. TRRP Responsibilities
  - 1.a. Hatchery mgmt.
  - 1.b. Harvest
2. Roles & Responsibilities
3. Lower Klamath River mgmt.
4. Peer Review/RFP Process

## Questions?

### Point of Contact

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