

Program Evaluation (10-Year Review)

TWG Meeting December 11, 2025



LTEMP ROD

- “DOI will conduct a comprehensive review after October 1, 2027, to evaluate what has been learned from the experimental studies and an evaluation of resource conditions after 10 years of LTEMP operational experience.” (p. 20-21)
- “...the DOI will hold GCDAMP annual reporting meetings for all interested stakeholders; these meetings will present the best available scientific information and learning from previously implemented experiments and ongoing monitoring of resources.” (p. B-17)

Evaluations Have Been a TWG Discussion Topic

“The TWG's main function is to provide technical assistance to the AMWG...”
(LTEMP ROD p. 14)

Commitment to AMWG to review TWP budget procedures (Aug. 2024, AMWG)

Evaluations

- Key element of adaptive management
- Where we have been to help us decide where we want to be, and how to get there
- Multiple forms, long history (e.g., GCES, NRC, SCORE, KA's, PEP's, AR's, syntheses, evaluations, etc.)

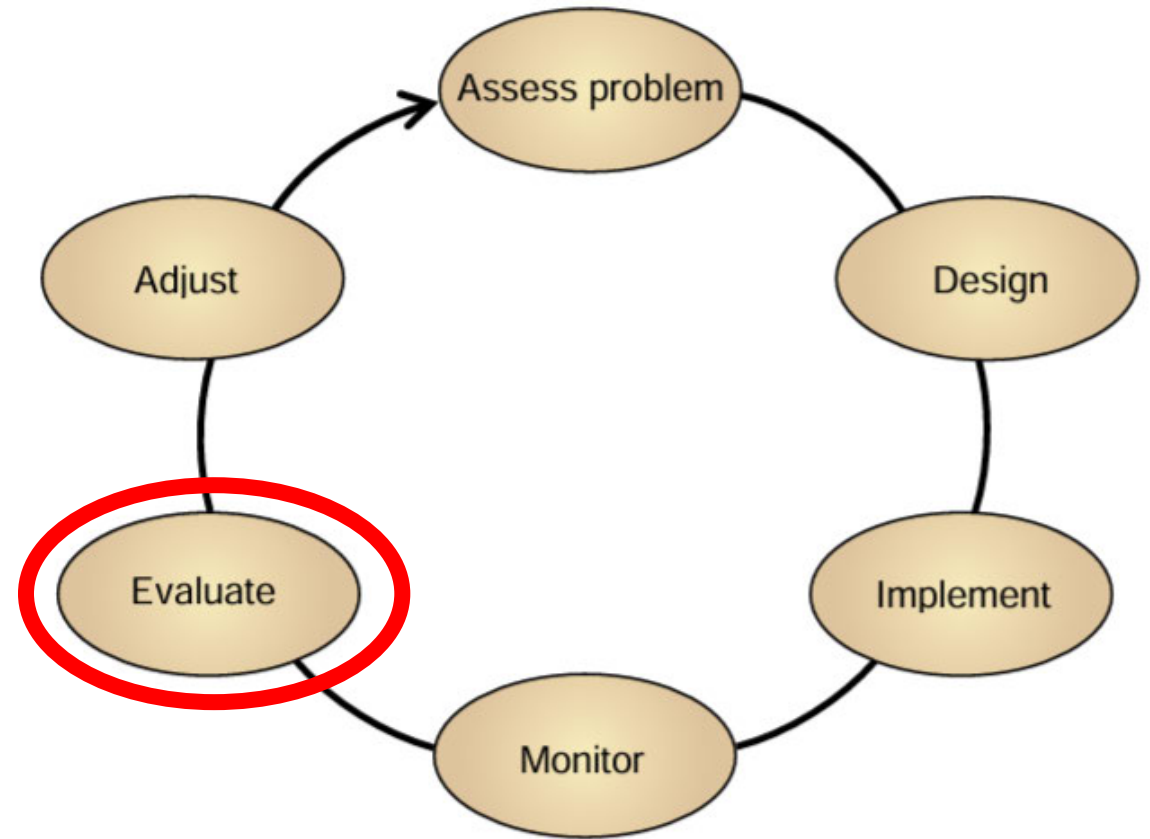


Figure 1.1. Diagram of the adaptive management process.

Williams et al. (2009)

Strategic Science Plan (2009)

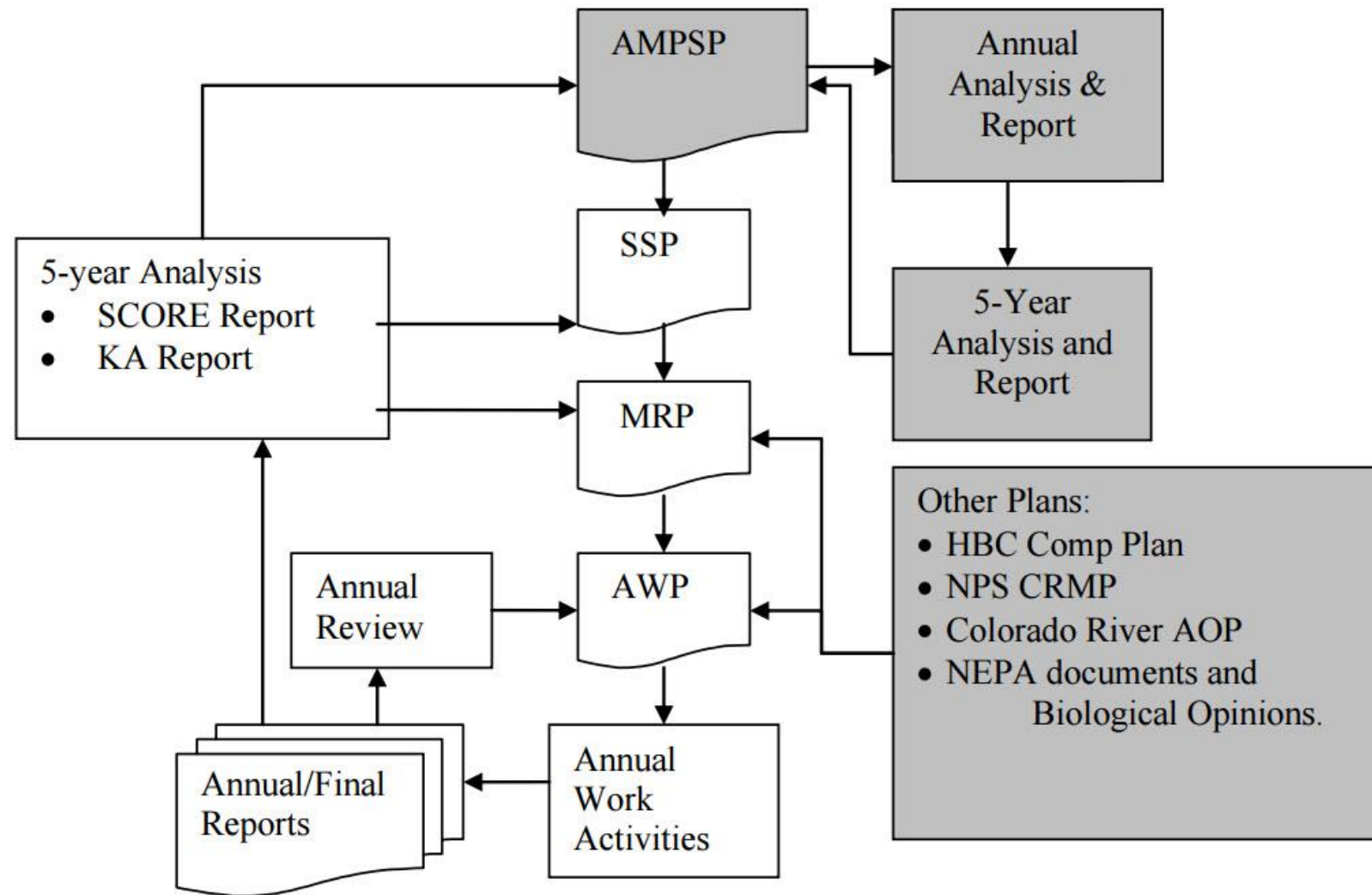
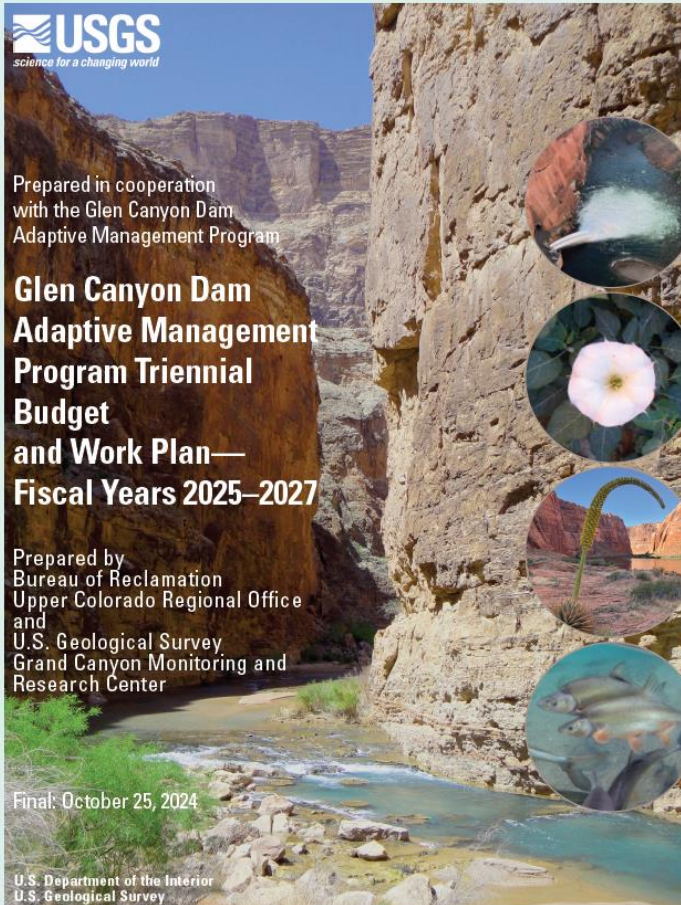


Figure 2. Collaborative science planning and implementation process. The Glen Canyon Dam Adaptive Management Program and the U.S. Department of the Interior have lead responsibility for the shaded boxes. The Grand Canyon Monitoring and Research Center has lead responsibility for the boxes that are not shaded.

Workshop Grouping



Group 1

Project A – Streamflow, Water Quality, and Sediment Transport and Budgeting in the Colorado River Ecosystem

Project B – Sandbar and Sediment Storage Monitoring and Research

Group 2

Project C - Riparian Vegetation Monitoring and Research

Project D - Effects of Dam Operations and Vegetation Management on Archaeological Sites

Group 3

Project E - Controls on Ecosystem Productivity: Nutrients, Flow, Temperature

Project F - Aquatic Invertebrate Ecology

Group 4

Project G - Humpback Chub Population Dynamics throughout the Colorado River Ecosystem

Project H - Salmonid Research and Monitoring

Project I - Non-native Invasive Species Monitoring and Research

Project N – Other Native Fish

Group 5

Project J - Socioeconomic Research

Project L - Overflight Remote Sensing in Support of GCDAMP and LTEMP

Project K – Geospatial Science, Data Management, Technology, and Logistics

Project M - Leadership, Management, and Support



Workshop Purpose

- Fulfill LTEMP10-year review requirement (TWP Project 3.D)
- Integrate Tribal Values
- Knowledge Assessment
- Prepare for FY28-30 TWP
- Help to prepare for LTEMP 2.0

Key Workshop Meeting Schedule:

- ARM/TWG (Feb 3-5, 2026) – Group 4 (Possible Fish Part 1)
- AMWG (Feb. 25-26, 2026) - status update
- TWG (April 8-9, 2026) – Group 4 Fish
- AMWG (May 13, 2026) – status update
- TWG (June 9-10, 2026) – Group 1 Sediment
- AMWG (Aug 19-20, 2026) – status update
- TWG (Fall 2026) – TWG/Workshop 3
- ARM/TWG (Winter 2027) – TWG/Workshop 4
- TWG (Spring 2027) – TWG/Workshop 5 (Optional)
- Begin planning for FY28-30 TWP



Team

- Facilitator – conduct meetings, capture notes, produce summary reports
- Assist with pre workshop tasks (ex. Pre workshop survey)
 - Survey TWG/AMWG members
 - Tribal coordination
- Coordinate presentations
- Other Tasks



Suggested Framework

- Introduction & Historical Context
- Management Actions to Date
- Current Status of the Resource/Monitoring Metrics
- Information Needs
- Future Research and Management Actions
- Summary & Next Steps
- Key takeaways from the workshop.

Tribal
Values



Next Steps

- Investigate ability for Science Advisor review
- Feedback from TWG
- Email out timeline and request for workshop planning participation

