

**Workshop on Integrating Tribal Perspectives with Western Science Perspectives  
Hosted By Northern Arizona University, Center For Sustainable Environments,  
April 18-19, 2005, Flagstaff, Arizona**

**PARTICIPANTS**

- Hualapai Tribe: Mrs. Loretta Jackson-Kelly, Dr. Kerry Christensen, Dr. Deborah Kennedy (consultant), Dr. Art Phillips (consultant)
- Southern Paiute Consortium: Mrs. Brenda Drye, Ms. Nina Snow, Dr. Diane Austin (consultant)
- Hopi Tribe: Mr. Michael Yeatts
- GCRMC: Ms. Helen Fairley
- NAU: Dr. Gary Nabhan, Mr. David Seibert (facilitators)
- Pueblo of Zuni and Navajo Nation were invited but did not attend

**PRINCIPLE WORKSHOP OBJECTIVE**

GCMRC and Tribes to discuss and clarify mutual perspectives: re AMP science and monitoring objectives, identify areas of common interest, and define topics requiring additional discussion.

**PRINCIPLE WORKSHOP TOPICS**

**Introductions/workshop purpose**

- AMP goals and objectives re: tribal participation.
- GCMRC mission within the AMP (western science focus).
- Tribal perspectives re: why tribes are participating in the AMP.
- Discussion of tribal science collaborations in other settings (success stories).

**GCD-AMP Tribal Monitoring Programs: Assumptions and Desired Outcomes**

**Assumptions:**

- GCD-AMP supports continuation of tribal monitoring programs and recognizes need for tribe-specific resource monitoring.
- GCD-AMP is willing to accommodate non-western and non-scientific perspectives.
- GCD-AMP wants feedback from tribes about their monitoring results.

**Desired Outcomes**

- Need for linking tribal interests with AMP interests (specifically, for information about how dam operations affect resources and what to do about those effects)
- Need for linking monitoring approaches to specific values at risk from dam operations
- Need for AMP to recognize tribal interests in monitoring resources that are of specific concern to each tribe (e.g., proprietary knowledge issues, integration of natural/cultural values, tribal interests in scientific capacity building, importance of maintaining youth connections to traditions, cross-generational knowledge transfer, tribal outreach, visiting sacred sites, evaluating terrestrial resources that are valued by the tribes.)
- Need for AMP to recognize unique cultural traditions, perspectives, values and interests of each tribe – and acknowledge that TRIBAL perspectives and values are diverse!

**History and rationales of current tribal monitoring programs**

- Hualapai
- Southern Paiute
- Hopi

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**Next steps**

- Host a follow-up workshop (one day) that includes the other tribes, plus other federal agency representatives (NPS, BOR, BIA).
- Tribes to prepare position papers articulating their interests and concerns re: 1) value and benefits of tribes' holistic approaches to monitoring, 2) importance of terrestrial ecosystem monitoring for tribes, 3) value and importance of tribal outreach programs.
- Nabhan and others to present workshop outcomes to TWG and facilitate TWG discussion re: Tribes' positions & interests in the Adaptive Management Program, then have TWG bring discussion outcomes forward to AMWG for concurrence.