

2014 Annual Reporting Meeting
Agenda

Grand Canyon Monitoring and Research Center
in collaboration with Arizona Game and Fish Department, Ecometric, Inc., National Park
Service, U. S. Fish and Wildlife Service

January 28-29, 2014
Arizona Department of Water Resources
Phoenix, Arizona

January 28

9:15 – 9:30a: Welcome / Introductions (Jack Schmidt)

Native Fishes in Marble and Grand Canyons

9:30 – 9:50a Humpback chub in the Colorado River: status and trends of
aggregations, changes in range (Bill Persons)

9:55 – 10:20a Humpback chub in the Little Colorado River and other tributaries:
monitoring of juveniles, sub-adults, and adults and translocations
(Kirk Young and Brian Healy)

10:25 – 10:45a Other native fishes: population status and trends in the Colorado
River and tributaries (Dave Rogowski and Brian Healy)

10:50 – 11:30a Humpback chub population dynamics and modeling: juveniles,
sub-adults, and adults in the Colorado and Little Colorado Rivers
(Charles Yackulic)

11:30a – 12:00p Stakeholder discussion: Management implications of native fish
monitoring and research

--- Lunch ---

Trout in Glen, Marble, and Grand Canyons

1:00 – 1:25p Colorado River trout population monitoring: spawning and rearing
surveys, seasonal and annual electrofishing surveys, and creel
survey (Dave Rogowski)

1:30 – 1:45p Tributary trout population monitoring: status and trends and effects
of removals (Brian Healy)

- 1:50 – 2:20p* Aquatic food base in Glen, Marble, and Grand Canyons (Ted Kennedy and Jeff Muehlbauer)
- 2:25 – 2:45p* Context and comparison: status of tailwater fisheries in the western US (Kim Dibble)
- 2:50 – 3:35p* Rainbow trout movement, growth, population dynamics and modeling in Glen and Marble Canyons (Josh Korman and Mike Yard)
- 3:40 – 4:30p:* Tribal roundtable: perspectives on fish and aquatic science
- 4:30 – 7:00p:* Poster session

January 29

- 8:15 – 8:35a:* Low flows in Glen Canyon: preliminary geomorphic analysis of the potential effects on fish and food base (Ted Melis)
- 8:35 – 9:20a* Stakeholder Discussion: Management implications of trout and food base monitoring and research

Geomorphology of the Active Channel and Valley Margins

- 9:20 – 10:05a:* Sand in Marble, Glen, and Grand Canyons: status and trends (Paul Grams)
- 10:10 – 10:25a:* Processing fine sediment transport data: procedures, processing, and bottlenecks (Ron Griffiths)
- 10:25 – 10:40a* Break
- 10:40 – 11:10a:* Stakeholder discussion: Management implications of sediment transport and geomorphology monitoring and research
- 11:15 – 12:00p* Archaeological site change: distinguishing meteorological and human effects (Brian Collins)

---Lunch ---

<i>1:00 – 1:15p</i>	Field and remote sensing evidence that gullies are healed by windblown sand (Joel Sankey)
<i>1:15 – 1:30p</i>	Landscape-scale management implications of cultural resource studies (Helen Fairley)
<i>1:30 – 1:45p</i>	Navajo Nation River monitoring trip report 2013 (Tony Joe)
<i>1:45 – 2:45p</i>	Tribal roundtable: perspectives on vegetation and geoscience/cultural resources
<i>2:45 – 3:00p</i>	Break
<i>3:00 – 4:00p</i>	Stakeholder discussion: Management implications of cultural resource / geomorphology studies
<i>4:00 – 5:00p</i>	Stakeholder discussion: Moving forward