

Glen Canyon Dam Adaptive Management Program Annual Reporting Meeting Agenda

**BLM National Training Center
9828 N 31st Ave, Phoenix, AZ 85051**

Day 1 (Tuesday Jan. 23 8:30 a.m. - 5 p.m. MDT)

<https://rec.webex.com/rec/j.php?MTID=m8ad3258f37b5dd89b2c6b189afdb6637>

Meeting number: 2762 152 8040

Phone Number: 415-527-5035 Password: AR23

TIME	Tuesday, January 23, 2024
8:30-8:45 (:15)	Welcome and Administrative: Andrew Schultz/Mark Anderson USGS Grand Canyon Monitoring and Research Center (USGS GCMRC); Bill Stewart/Jeremy Hammen (USBR); Seth Shanahan (SNWA)
8:45-9:10 (:25)	Roundtable Introductions
Tribal Perspectives	
9:10-9:25 (:15)	Hopi Tribe update; Jakob Maase (Hopi Tribe)
9:25-9:40 (:15)	Hualapai Tribe update; Carrie Cannon (Hualapai Tribe)
9:40-10:00 (:20)	Navajo Nation update; Erik Stanfield (Navajo Nation)
Archaeological and Cultural Resources	
10:00-10:15 (:15)	Monitoring for potential threats to Grand Canyon rock art: Preliminary observations and results at the Supai Man Petroglyph site; Josh Caster (USGS GCMRC)
10:15-10:45 (:30)	Effects of dam operations and vegetation management on the preservation and geomorphic condition of archaeological sites; Joel Sankey and Helen Fairley (USGS GCMRC)
10:45-10:55 (:10)	BREAK
Nonnative Aquatic Species	
10:55-11:25 (:30)	Smallmouth Bass population modeling and implications; Drew Eppheimer and Charles Yackulic (USGS GCMRC)
11:25-11:45 (:20)	Population effect of incentivized harvest on Brown Trout; Charles Yackulic (USGS GCMRC)
11:45-1:00 (1:15)	LUNCH
Humpback Chub	
1:00-1:45 (:45)	Monitoring Humpback Chub in the Little Colorado River and Colorado River, Grand Canyon (synthesis across Humpback Chub projects); TBD
Other Native Fishes	
1:45-2:05 (:20)	Coordinated update on Other Native Fishes; TBD
Riparian Vegetation	
2:05-2:35 (:30)	Getting to know Colorado River riparian plant communities; Emily Palmquist (USGS GCMRC) and Brad Butterfield (NAU)
Hydropower and Energy	
2:35-3:00 (:25)	Potential cost of SMB flows; Lucas Bair and Charles Yackulic (USGS GCMRC)
3:00-3:10 (:10)	BREAK
Natural Processes	
3:10-3:30 (:20)	Food base update; Ted Kennedy (USGS GCMRC)
Overflight Remote Sensing	
3:30-3:45 (:15)	Overflight remote sensing in support of GCDAMP and LTEMP; Joel Sankey (USGS GCMRC)
Recreational Experience	
3:45-4:05 (:20)	Angler response to the Brown Trout Incentivized Harvest; Lucas Bair (USGS GCMRC)
4:05-5:30 (1:25)	BREAK
5:30-7:00 (1:30)	POSTER SESSION (Doubletree by Hilton Phoenix North, 10220 N. Metro Pkwy Phoenix, AZ 85051)

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Day 2 (Wednesday Jan. 24 8:30 a.m. – 4:30 p.m. MDT)

<https://rec.webex.com/rec/j.php?MTID=ma228cd807f26f862fe991edbe2ac85bf>

Meeting number: 2760 774 9050

Phone Number: 415-527-5035 Password: AR24

TIME	Wednesday, January 24, 2024
8:30-8:40 (:10)	Morning Welcome: Andrew Schultz/Mark Anderson USGS Grand Canyon Monitoring and Research Center (USGS GCMRC); Bill Stewart/Jeremy Hammen (USBR); Seth Shanahan (SNWA)
Sediment	
8:40-9:10 (:30)	Project A update and evaluation of LTEMP sand management; David Topping (USGS GCMRC)
9:10-9:35 (:25)	Project B update: Riverbed and sandbar response to dam operations and high-flow experiments; Paul Grams (USGS GCMRC)
9:35-9:55 (:20)	Channel responses to high flows in Western Grand Canyon; Matt Kaplinski (USGS GCMRC)
Water Quality	
9:55-10:15 (:20)	Refining the Lake Powell CE-QAUL-W2 Water Quality Model; Bryce Mihalevich (USBR)
10:15-10:35 (:20)	Dissolved oxygen dynamics in Lake Powell and Glen Canyon; Bridget Deemer (USGS GCMRC)
10:35-10:45 (:10)	BREAK
Rainbow Trout Fishery	
10:45-11:15 (:30)	Synthesis across trout fishery projects; TBD
Hydrology	
11:15-11:35 (:20)	Effects of reservoirs and stock ponds on surface water runoff in the Little Colorado River Basin; David Dean (USGS GCMRC)
Data Visualization and Management	
11:35-11:55 (:20)	Managing data resources and online content for GCMRC & GCDAMP; Tom Gushue (USGS GCMRC)
11:55-1:10 (1:15)	LUNCH
Project Panel Discussion	
1:10-4:25 (3:15)	The purpose of this section is for GCMRC project leads to provide stakeholders a concise overview (5 minutes or less) on aspects of each project they believe should continue/discontinue, and new modifications, research questions and/or ideas they believe are important to pursue within the next workplan. Stakeholders will be given time to ask questions of the science leads for each project. This section is intended in part to assist with the TWG Breakout Group Discussion the next day. Time will be moderated by Andrew Schultz/Mark Anderson (USGS GCMRC); Bill Stewart/Jeremy Hammen (USBR).
Wrap Up	
4:25-4:30 (:05)	Andrew Schultz/Mark Anderson (USGS GCMRC)
Adjourn	