

Glen Canyon Dam Technical Work Group Meeting

Draft Agenda

Wyndham Garden Phoenix Midtown
3600 N. 2nd Avenue
Phoenix, AZ 85013

<https://ucbor-events.webex.com/ucbor-events/onstage/g.php?MTID=e7928d8263b3fcb3ee70f0621326a574b>

Phone: 877-913-4721 Passcode: 3330168

TIME	Tuesday, January 20, 2014 TOPIC
9:30a – 9:35a (:05)	Welcome and Administrative: Vineetha Kartha, Technical Work Group (TWG) Chair <ul style="list-style-type: none"> • Introductions: Scott VanderKooi, Acting Chief, GMCRC
Geomorphology of the Active Channel and Valley Margins	
9:35 – 10:05 (:30)	Water Quality and Sediment Transport in Marble, Glen, and Grand Canyons: David Topping
10:10 – 10:40 (:30)	Sand in Marble, Glen, and Grand Canyons: Status and Trends: Paul Grams
10:45 – 11:10 (:25)	Final Results of BWP Project J: Conditions and Processes Affecting Sand Resources at Archaeological Sites in the Colorado River Corridor Below Glen Canyon Dam: Joel Sankey
11:10 – 11:40 (:30)	Stakeholder Discussion: Management Implications of Geomorphology Monitoring and Research: Paul Grams, moderator
Cultural Resources	
11:45 – 12:10p (:25)	Cultural Site Monitoring in Glen and Grand Canyons: Brian Collins
12:10 – 1:35 (1:25)	LUNCH
1:10 – 1:35 (:25)	Hualapai Traditional Cultural Knowledge of the Grand Canyon (Hualapai tribe, Hualapai Cultural Resources)
1:40 – 2:05 (:25)	Tourism's Impact on Zuni Cultural Resources in Grand Canyon: Gerald Hooee
2:05 – 2:35 (:30)	Stakeholder Discussion: Management Implications of Cultural Monitoring and Research: Mary Barger, moderator
Riparian Resources	
2:40 – 3:25 (:45)	Riparian Vegetation Studies: Daniel Sarr
3:30 – 3:55 (:25)	Southern Paiute Vegetation and Cultural Resource Monitoring Program: Charley Bullets
3:55 – 4:25 (:30)	Stakeholder Discussion: Management Implications of Vegetation Monitoring and Research: Larry Stevens, moderator
4:30 (:05)	Public Comment
4:35	Adjourn
5:00 – 7:00	POSTER SESSION (list of posters attached)

Poster Title	Author
Rainbow Trout Early Life Stage Monitoring-2014	Luke Avery
Native and nonnative fishes in the Colorado River: status and trends	AZGFD
Economic Value of Energy in an Interconnected System: Hydropower at Glen Canyon Dam	Lucas Bair
Grand Canyon National Park current archaeological monitoring program	Jan Balsom
Southern Paiute Consortium Colorado River corridor resource evaluation program	Charley Bullets
Hualapai Cultural Resource Program	Peter Bungart
Weather Monitoring at Archaeological Sites in the Colorado River Corridor: An assessment of spatial and temporal rain variability	Joshua Caster, Joel B. Sankey, Amy E. East (Draut), Helen Fairley, Brian Collins, and David Bedford
Long-term sandbar monitoring in Marble and Grand Canyons, 1990-2014	Joe Hazel, Tom Gushue, Matt Kaplinski, Robert Ross, Robert Tusso, and Paul Grams
Sediment storage changes in lower Marble Canyon, 2002 - 2012	Matt Kaplinski, Paul Grams, Daniel Buscombe, Joseph Hazel, Keith Kohl, and Robert Tusso
Aquatic insect densities throughout the Little Colorado River: preliminary results	Jeff Muehlbauer
Describing patterns and tracking changes in riparian vegetation along the Colorado River	Emily Palmquist, Barbara Ralston, Daniel Sarr
Assessment and Long-Term Management Strategy Recommendations for the <i>Charles H. Spencer</i> Site: A 20th Century Paddle Wheel Steamer on the Banks of the Colorado River, Glen Canyon National Recreation Area.	Susanna Pershern and Dave Conlin
Colorado River fish monitoring in Grand Canyon 2013-14: Little Colorado River PIT Tag antenna system	William Persons
Monitoring system-wide changes in sandbars in the Colorado River with remote sensing	Rob Ross, Paul Grams, and Joel Sankey
Assessing erosion and re-deposition of relic (pre-dam) sand in modern Colorado River sandbars from geochemical tracers	Renee Takesue, David Rubin, and Paul Grams
Discharge, water quality, and sediment monitoring website DEMO	David Topping, Ron Griffiths, Nick Voichick, Tom Sabol, Nancy Hornewer, Brad Garner, and David Dean
Humpback chub in the Little Colorado River: status and trends	USFWS
An experimental evaluation of competition between trout and chub	David Ward, Rylan Morton-Starner, and Ben Vaage
Hopi long-term monitoring program	Mike Yeatts

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Arizona Department of Water Resources
Verde Conference Room, 2nd Floor
3550 N. Central Avenue
Phoenix, Arizona 85012

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TIME	Wednesday, January 21, 2015
8:15 – 8:30a (:15)	Welcome and Administrative: Vineetha Kartha, TWG Chair <ul style="list-style-type: none"> • Introductions: Scott VanderKooi, Acting Chief, GMCRC
Management Actions, Experiments, and Related Research	
8:35 – 9:00 (:25)	Translocations and Associated Monitoring: Emily Omana/Kirk Young
9:05 – 9:30 (:25)	Trout Removal in and Near Bright Angel Creek: Clay Nelson
9:35 – 10:05 (:30)	Native-nonnative Interactions; Factors Influencing Predation and Competition: David Ward
10:05 – 10:15 (:10)	B R E A K
Aquatic Ecology and Fishes in Marble and Grand Canyons	
10:15 – 10:45 (:30)	Aquatic Food Base in Marble and Grand Canyons: Ted Kennedy
10:50 – 11:20 (:30)	Rainbow Trout Movement, Recruitment, Population Dynamics and Modeling in Marble Canyon: Josh Korman
11:25 – 11:50 (:25)	Humpback Chub in the Colorado River: Status and Trends of Aggregations, Changes in Range: Bill Persons
11:50 – 12:50 (1:00)	L U N C H
12:50 – 1:20 (:30)	Humpback Chub Population Dynamics and Modeling: Juveniles, Sub-adults, and Adults in the Colorado and Little Colorado Rivers: Charles Yackulic
1:25 – 1:35 (:10)	Biological Opinion Trigger Update: Scott VanderKooi
1:40 – 2:10 (:30)	Stakeholder Discussion: Management Implications of Aquatic Ecology and Native and Nonnative Fish Monitoring and Research: Kirk Young, moderator
Aquatic Ecology of Glen Canyon and the Lees Ferry Fishery	
2:15 – 2:35 (:20)	Physical Environment in Glen Canyon: Hydrograph, Water Quality, Sediment Inputs and Transport, and Channel Mapping: Ted Melis
2:40 – 2:55 (:15)	Quagga Mussels in Glen Canyon; Risk Assessment Review: Ted Kennedy
2:55 – 3:05 (:10)	B R E A K
3:05 – 3:35 (:30)	Rainbow Trout Growth, Condition, Population Dynamics and Modeling in Glen Canyon: Mike Yard
3:40 – 4:00 (:20)	Rainbow Trout Bioenergetics: Mike Dodrill
4:05 – 4:30 (:25)	Lees Ferry Fishery Monitoring: Spawning and Rearing Surveys, Seasonal and Annual Electrofishing Surveys, and Creel Survey: Dave Rogowski
4:30 – 5:00 (:30)	Stakeholder Discussion: Management Implications of Applied Research and Recent Findings in Lees Ferry and Glen Canyon: Bill Stewart, moderator
5:00 – 5:05 (:05)	Public Comment
5:05	Adjourn

Upcoming:

TWG Meeting: (Tu-W) April 21-22, 2015 at ADWR