

# Glen Canyon Dam Adaptive Management Program

## FY25 Annual Reporting Meeting Posters

Poster Breaks mid-morning and afternoon on Days 1 and 2 – See Agenda

LTEMP METRICS REPORTING	AUTHORS
<b>LTEMP Resource Goal 1: Archaeological Sites and Cultural Resources</b>	Hellen Fairley, Joel Sankey, Joshua Caster
<b>LTEMP Resource Goal 2: Natural Processes</b>	Bridget Deemer, Emily Palmquist, Ted Kennedy
<b>LTEMP Resource Goal 3: Humpback Chub</b>	Maria Dzul, Kimberly Dibble, Emily Omana, Jeff Arnold, David Ward, David Rogowski, and Charles Yackulic
<b>LTEMP Resource Goal 4: Hydropower and Energy</b>	Lucas Bair
<b>LTEMP Resource Goal 5: Other Native Fishes</b>	Brian Healy and Kim Dibble
<b>LTEMP Resource Goal 6: Recreational Experience</b>	Lucas Bair
<b>LTEMP Resource Goal 7: Sediment</b>	Matt Kaplinski, David Topping, Katherine Chapman, Robert Tusso, Shannon Sartain, and Paul Grams
<b>LTEMP Resource Goal 8: Tribal Values and Resources</b>	Helen Fairley
<b>LTEMP Resource Goal 9: Rainbow Trout Fishery</b>	Brian Healy
<b>LTEMP Resource Goal 10: Nonnative Invasive Species</b>	Dibble, K.L., L. Hansen, K. Behn, C.B. Yackulic, D. Eppehimer, J. Arnold, E. Omana Smith, D. Rogowski, and D. Ward
<b>LTEMP Resource Goal 11: Riparian Vegetation</b>	Palmquist, E.C., B.J. Butterfield, E. Jordan

SCIENCE POSTERS	AUTHORS
<b>Toward improved efficiency in measuring realtime Paria River sediment loads for HFE design</b>	Ronald E. Griffiths and others TBD
<b>Sandbar and campsite monitoring data and photos</b>	Katie Chapman and Bob Tusso (USGS GCMRC)
<b>Geomorphic changes in the river/reservoir interface zones of Lake Mead and Lake Powell associated with declining reservoir elevations</b>	Shannon Sartain (USGS GCMRC)
<b>Visualizing Hydropower Impacts of Smallmouth Bass Flows, 2024–2025</b>	Lucas Bair
<b>Citizen Science Antenna Project (title subject to change)</b>	Ben Miller, Kiona Allen, Maria Dzul
<b>Poster presented by the AZ WSC on their data collection in support of the GCDAMP</b>	authorship will be forthcoming -DT
<b>Decreasing water levels in lakes and reservoirs promote increasing phytoplankton levels: a systematic review</b>	Kathryn K. Hoffman, Bridget R. Deemer, Mary E. Lofton, and Cayelan C. Carey
<b>Fusion of ground-penetrating radar and terrestrial lidar to investigate fluvial-aeolian interactions in Grand Canyon</b>	Joshua Caster
<b>The role of GIS in communicating hazard risk and developing an emergency alert system in Grand Canyon, Arizona.</b>	Thomas M. Gushue, Erica P. Byerley
<b>Post-dam Glen Canyon diatom assemblage change</b>	John Wehr (Fordham Univ) and Larry Stevens
<b>Natural and dam-related biotic discontinuities</b>	Larry Stevens

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