



# GCDAMP ADMINISTRATIVE HISTORY PROJECT UPDATE

AMWG MEETING MARCH 6, 2019

PAUL HIRT, JEN SWEENEY, MARK TEBEAU, KRISTINE NAVARRO-MCELHANEY

ARIZONA STATE UNIVERSITY

# YEAR TWO IN REVIEW (OCT 2017-SEPT 2018)

## SCOPE OF WORK FOR YEAR TWO:

- CONDUCT AND PROCESS TEN ORAL HISTORY INTERVIEWS
- PREPARE AN ANNOTATED BIBLIOGRAPHY OF KEY LITERATURE
- PREPARE A CHRONOLOGICAL PROGRAM SUMMARY
- BEGIN UPLOADING DOCUMENTS TO THE WEB ARCHIVE AND DEVELOP USER INTERFACE
- DESIGN AND COMPILE MATERIALS FOR AN ORIENTATION PACKET FOR NEW MEMBERS OF THE GCDAMP.

## ACCOMPLISHMENTS IN YEAR TWO:

- ELEVEN ORAL HISTORIES COMPLETED (PROCESSING OF TRANSCRIPTS INCOMPLETE)
- BIBLIOGRAPHY OF KEY LITERATURE WELL-DEVELOPED, BUT NOT YET ANNOTATED
- CHRONOLOGICAL PROGRAM SUMMARY DEVELOPED AND WEB TIMELINE PROTOTYPED
- WEBSITE AND ARCHIVE LAUNCHED, THEN TABLED, THEN RE-LAUNCHED WINTER 2018-19.
- ORIENTATION PACKET CONTENTS DRAFTED. NOT YET COMPILED ON WEBSITE.



# ORAL HISTORY INTERVIEWS CONDUCTED IN YEAR TWO

- BRUCE BABBITT (VIDEO)
- ANNE CASTLE (VIDEO)
- KERRY CHRISTENSEN
- KURT DONGOSKE
- DAVE GARRETT
- LEIGH KUWANWISIWMA
- ANDRE POTOCHNIK
- JACK SCHMIDT
- CARL WALTERS
- MIKE YEATTS
- JAN BALSOM

## Oral History Interviews Conducted in Year One:

- Larry Stevens (video)
- Mary Orton (video)
- Cliff Barrett
- Dave Wegner



# ORAL HISTORY INTERVIEWS PLANNED FOR YEAR THREE

- RANDY PETERSON
- RICHARD BEGAY
- ANGELITA BULLETT
- LORETTA JACKSON
- LORI CARAMANIAN
- STEVE CAROTHERS
- WILLIAM E. DAVIS (SCHEDULED FOR MARCH 12)
- RANDY SEAHOLM (SCHEDULED FOR APRIL 27)
- AMY HUESELIN
- LESLIE JAMES (SCHEDULED FOR MARCH 8)
- DENNIS KUBLY
- TED MELIS
- ED NORTON
- DON OSTLER
- RICH VALDEZ

# ANNOTATIONS

Minutes	
0	<p><b>Q:</b> I want to start with a big question. Your family has a long legacy here in Arizona. Can you talk about your connections with the Colorado River and the Grand Canyon? <b>A:</b> Babbitt grew up in Flagstaff and the Grand Canyon was nearby. He was always interested in the outdoors. Hiking and other outdoor activities stimulated his interest in geology. Babbitt earned an undergraduate degree in geology and a graduate degree in earth sciences.</p>
1	<p>River running gained momentum with the public in the 1960s. Martin Litton was one of the "legendary outfitters" who contributed to its higher profile. Babbitt spent a lot of time on the river. <b>Q:</b> How many river trips do you think you took over the years? <b>A:</b> "I have no idea--it would certainly be more than ten and less than fifty. A lot." The early river trips blended elements that Babbitt used later in his life: outdoor interest, science training, "and an interest in fluvial geomorphology."</p>
2	<p><b>Q:</b> Did you notice, when you were taking those trips down the river, did you talk about the impact of Glen Canyon Dam on the river ecosystem? <b>A:</b> Babbitt "started awakening" to changes along the river by the 1970s. "From trip to trip, you could see the way the sand was being totally stripped away." On one trip, Martin Litton said they would not be able to do Hance Rapid and had to make an unexpected stop.</p>

# TRANSCRIPTS

**Oral History of Cliff Barrett [CB]**

**Salt Lake City, Utah**

**Interviewers: Paul Hirt [PH], Josh Macfadyen [JM], Jen Sweeney [JS]**

[00:00:00}

PH: My name is Paul Hirt of Arizona State University, and we are interviewing Cliff Barrett in Salt Lake City. Today is May 15, 2017 and I'm being assisted by Jen Sweeney and Josh Macfadyen, both of Arizona State University. Cliff, thanks so much for joining us today to talk about your experiences. Could you start out by telling us your positions that you've held with the adaptive management program and the Bureau of Reclamation and the years that you've been involved?

[00:00:31]

CB: With the Bureau of Reclamation I held a whole string of positions from my old career. But the ones that are going to apply to this program probably were I was assistant commissioner for planning and operations in Washington D.C. while the Bureau was studying putting generating units on the outlet tubes. And that study produced some pushback from a lot of environmental groups. The boaters mainly because they didn't like the fluctuations and flows on the river. And so, we decided to stop that study and begin

# TRANSCRIPT “PROCESSING”

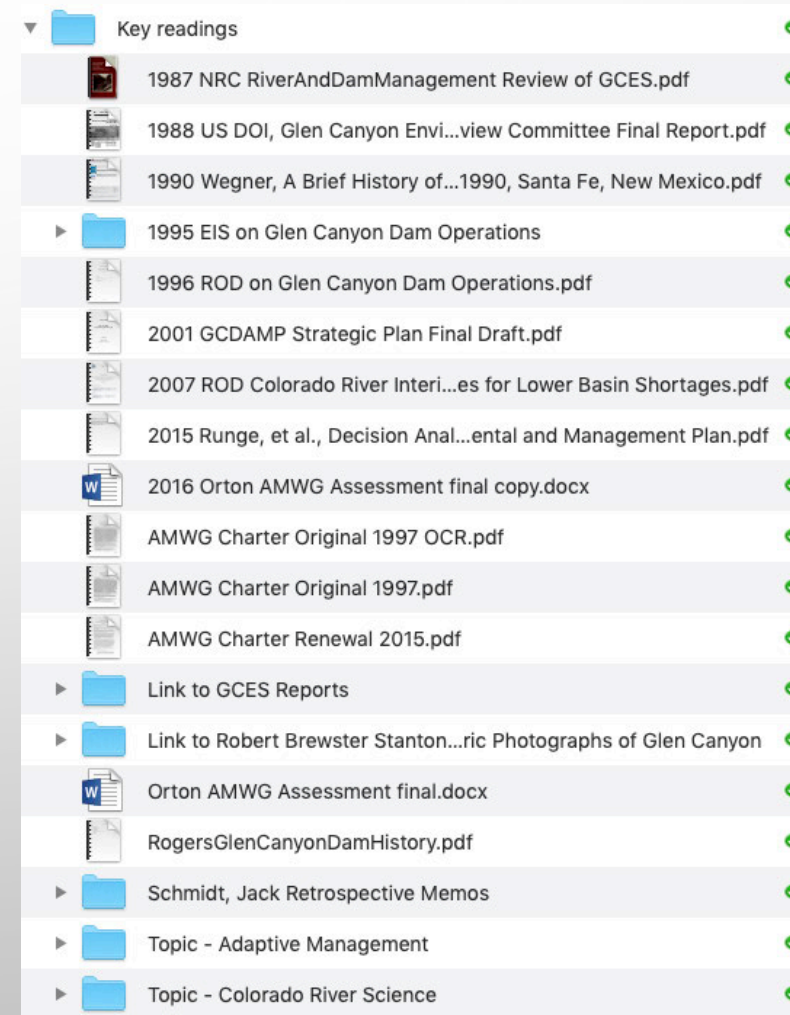
- DIGITAL VOICE RECOGNITION SOFTWARE CREATES INITIAL TRANSCRIPT
- THEN, KRISTINE NAVARRO CORRECTS SPELLING, FORMATTING, AND TIMESTAMPS
- THEN, JEN SWEENEY CHECKS ACCURACY OF NAMES, ACRONYMS, TITLES, DATES, ETC.
- PAUL HIRT MAKES A FINAL CHECK FOR ACCURACY BEFORE PUBLISHING ON WEBSITE.

# BIBLIOGRAPHY: DOCUMENT COLLECTIONS AND "KEY READINGS"



Admin\_History-GCMRC

- 1991-11-01,GCD\_InterimOpCrit-USBR\_media.pdf
- 1991-11-07,GCD\_FONSI-USBR\_media.pdf
- 1992-07-27,GCES\_Endangered...Pgm,Funding-USBR\_memo.pdf
- 1994-11-29,Draft memo re joint research ctr.pdf
- 1995-03-22,GCD\_FEIS-USBR\_media.pdf
- 1995-11-09,GCMRC\_Establishment.pdf
- 1995-1999,List of docs relating to GCMRC Staffing.pdf
- 1996-03,GCMRC\_Establishment-USBR\_media.pdf
- 1998-06-17,BBabbitt\_re\_BHBF\_...AMWG\_Non-Fed\_members.pdf
- 1998-06-25,BGold-GCMRC\_Acting\_Chief-ASWSofc\_memo.pdf
- 1998-12-29,AMP\_Philosophical...ncerns,SMagnussen\_memo.pdf
- 1999-01-04,GCMRC\_Institutional\_Home-Options.pdf
- 1999-01-06,GCMRC\_Org\_Location,SMagnussen\_memo.pdf
- 2000-03-31,GCMRC\_Institutional\_Home,MSchaefer\_memo.pdf
- 2000-06-19,GCMRC trans to USGS, funding, memo to SOI.pdf
- 2000-06-19,GCMRC\_transfer\_t...S,RRegula\_Congress\_memo.pdf
- 2000-08-07,DShroufe ltr re GCMRC RandM budget cap.pdf



Key readings

- 1987 NRC RiverAndDamManagement Review of GCES.pdf
- 1988 US DOI, Glen Canyon Envi...view Committee Final Report.pdf
- 1990 Wegner, A Brief History of...1990, Santa Fe, New Mexico.pdf
- 1995 EIS on Glen Canyon Dam Operations
- 1996 ROD on Glen Canyon Dam Operations.pdf
- 2001 GCDAMP Strategic Plan Final Draft.pdf
- 2007 ROD Colorado River Interi...es for Lower Basin Shortages.pdf
- 2015 Runge, et al., Decision Anal...ental and Management Plan.pdf
- 2016 Orton AMWG Assessment final copy.docx
- AMWG Charter Original 1997 OCR.pdf
- AMWG Charter Original 1997.pdf
- AMWG Charter Renewal 2015.pdf
- Link to GCES Reports
- Link to Robert Brewster Stanton...ric Photographs of Glen Canyon
- Orton AMWG Assessment final.docx
- RogersGlenCanyonDamHistory.pdf
- Schmidt, Jack Retrospective Memos
- Topic - Adaptive Management
- Topic - Colorado River Science



# CHRONOLOGICAL SUMMARY & TIMELINE

1982-1996	Glen Canyon Environmental Studies (GCES) initiated	GCES was initiated with a memo dated 6 December 1982 from Reclamation Commissioner Broadbent to the Regional Director. The stated purpose was to: "...see how the present flow patterns impact upon the total riverine environment in the Grand Canyon and how various low-flow periods affect rafting and the fisheries resources in the river." In addition, the memo calls for "[e]nvironmental studies of the effects of the present and historic operation of Glen Canyon Dam on the vegetation, wildlife, fishery, recreation, and other environmental resources of the Grand Canyon" (Broadbent, 1982). The Glen Canyon Environmental Studies program of the Bureau of Reclamation "was the first systematic effort to investigate the effects of dam operations on downstream resources" (2001 GCDAMP Strategic Plan).
1983	William Clark Secretary of the Interior	1983-1985 under Ronald Reagan
1983	Historic floods in Colorado River Basin	In an epic El Niño year, Lake Powell is filled to overflowing and the USBR releases more than 92,000 cfs from Glen Canyon Dam to stop Lake Powell from overtopping and destroying the Dam. The record-high flows destroy beaches and compromise archaeological sites.
1985	Donald Hodel Secretary of the Interior	1985-1989 under Ronald Reagan
1987	NRC review of GCES published	National Research Council completes review of GCES, publishing River and Dam Management: A Review of the Bureau of Reclamation's Glen Canyon Environmental Studies <a href="https://archive.org/details/riverdammanageme00unse">https://archive.org/details/riverdammanageme00unse</a> . Dave Wegner believes this was the real beginning of adaptive management in Glen Canyon (Dave Wegner OH, part 2 minute 2)

## COMPILED FROM:

- TIMELINE ON GCDAMP WIKI SITE
- GCMRC TIMELINE FROM ARCHIVAL DOC
- ORAL HISTORY INTERVIEWS



# WEBSITE AND ARCHIVE

- MODEST PROGRESS IN YEAR 2
- CONTRACT WITH DISCOVERY GARDEN/ISLANDORA AS WEB HOST
- DESIGNED USER INTERFACE AND BEGAN UPLOADING CONTENT
- LOST KEY FACULTY DIRECTOR (MACFADYEN) IN JUNE
- SUMMER RESEARCH ASSISTANT DID NOT PRODUCE RESULTS
- PLATFORM TOO EXPENSIVE AND COMPLICATED—NOT SUSTAINABLE
- STARTED OVER IN OCTOBER 2018



# WEBSITE AND ARCHIVE CONT.

- HIRED NEW WEB DESIGNER IN OCTOBER 2018
- USING WORDPRESS PLATFORM
- SEEKING LONG TERM HOSTING ON ASU LIBRARY SERVER
- MAY DE-EMPHASIZE ARCHIVE FEATURES...
- WILL EMPHASIZE ADMINISTRATIVE HISTORY, ORAL HISTORIES, ORIENTATION MATERIALS, KEY DOCUMENTS, AND OTHER DIGITAL EXHIBITS.
- BETA WIREFRAME UNDER CONSTRUCTION: [HTTP://DEV-GCDAMP.WS.ASU.EDU/](http://dev-gcdamp.ws.asu.edu/)

# PLANS FOR YEAR 3 (OCTOBER 2018-SEPT 2019)

- CONDUCT 15 MORE ORAL HISTORY INTERVIEWS (INSTEAD OF 10)
- FINISH TRANSCRIPTS AND ANNOTATIONS OF FIRST 15 ORAL HISTORIES
- BEGIN TRANSCRIPTS AND ANNOTATIONS OF LAST 15 ORAL HISTORIES
- COMPLETE FIRST DRAFT OF ADMINISTRATIVE HISTORY (15,000-20,000 WORDS)
- DETERMINE LONG-TERM HOSTING AND SCOPE/DESIGN FOR WEBSITE AND EXPAND CONTENT AND ORAL HISTORY EXHIBITS
- DESIGN AND UPLOAD GCDAMP NEW MEMBER ORIENTATION PACKET