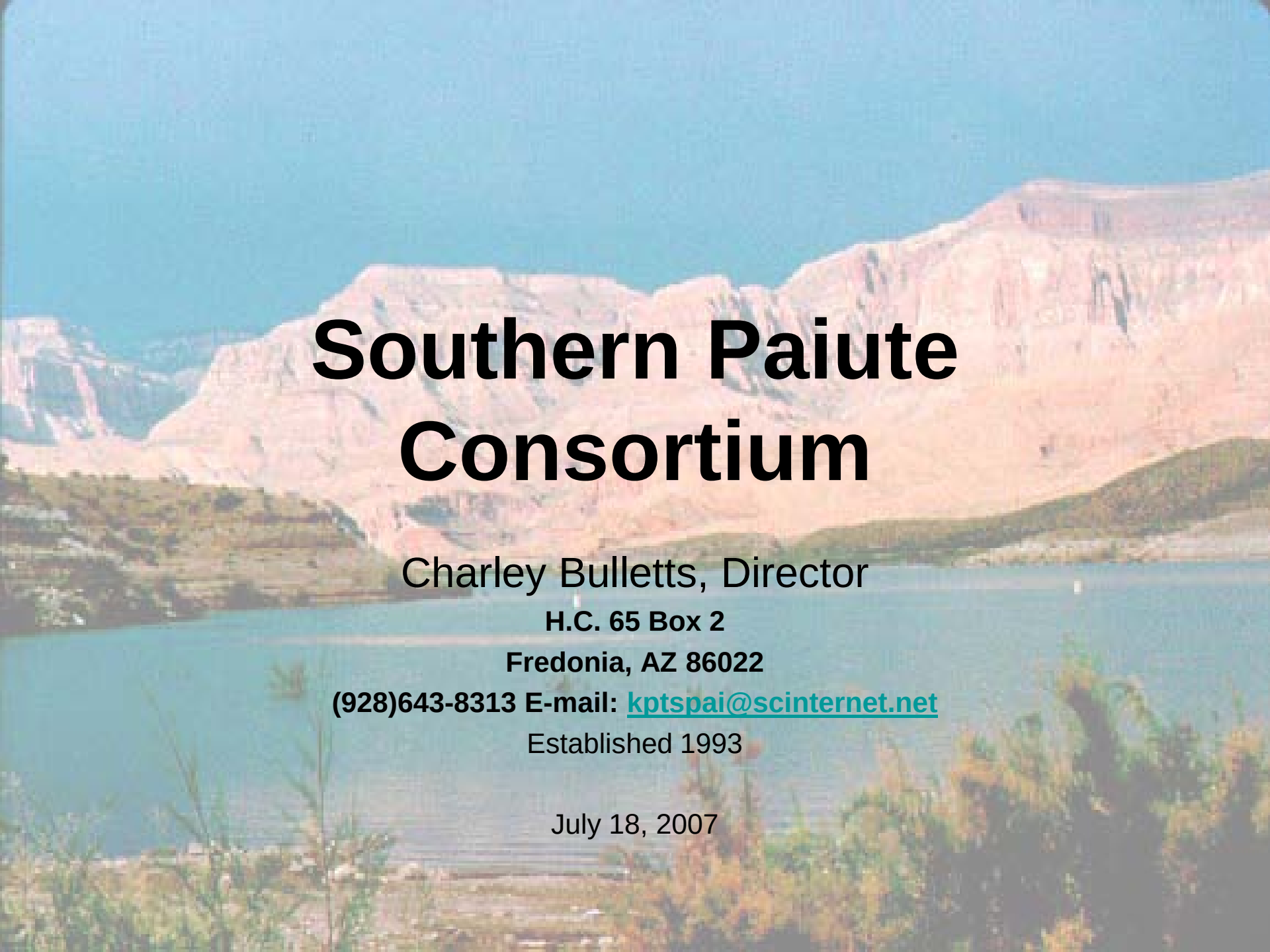




# **Southern Paiute Consortium**

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**Established 1993**

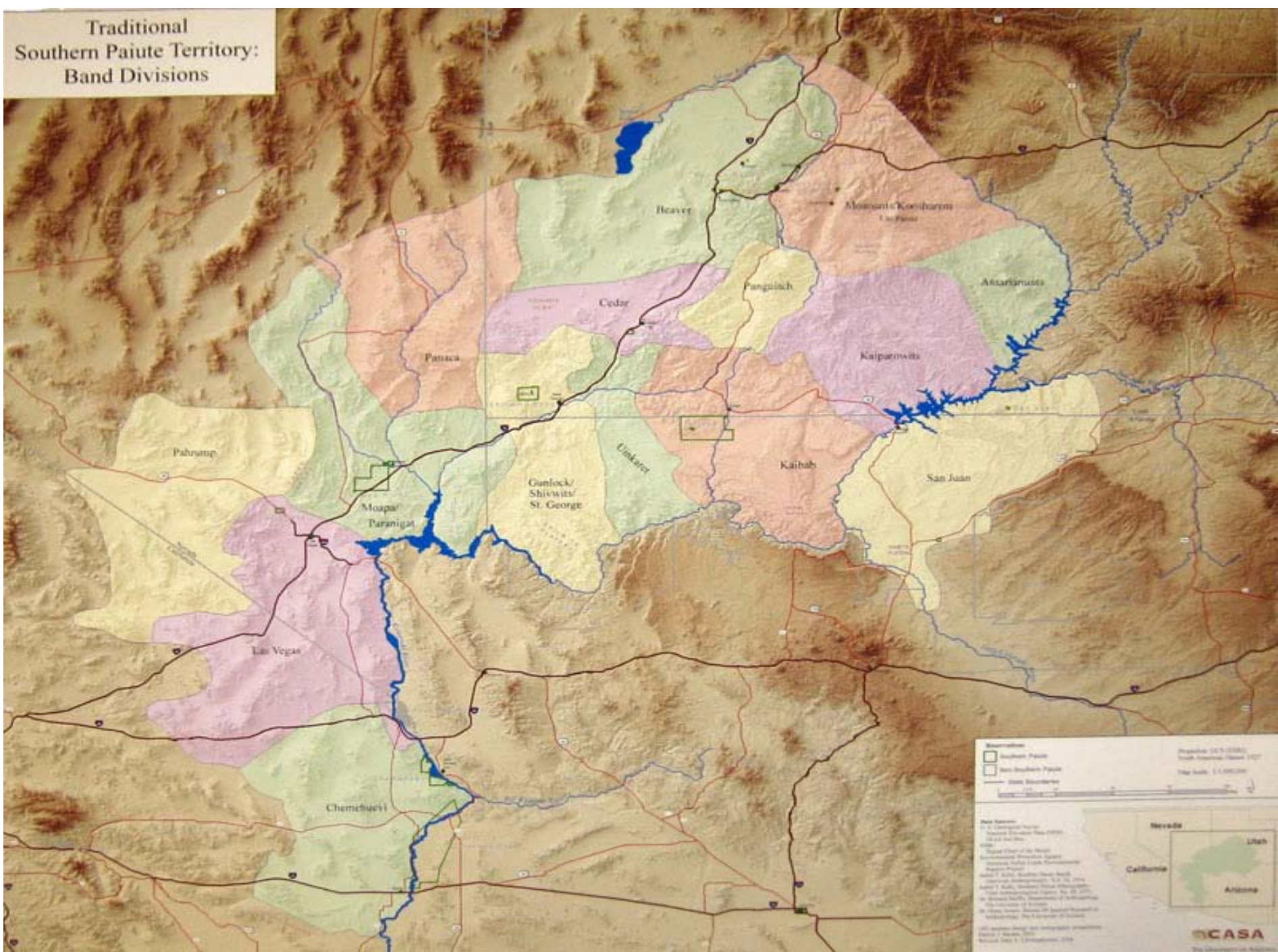
**July 18, 2007**

# Traditional Lands of the Southern Paiute People

- 
- “Southern Paiute were the first inhabitants of this region and are responsible for protecting and managing this land along with the water and all that is upon and within it.”



Traditional  
Southern Paiute Territory:  
Band Divisions

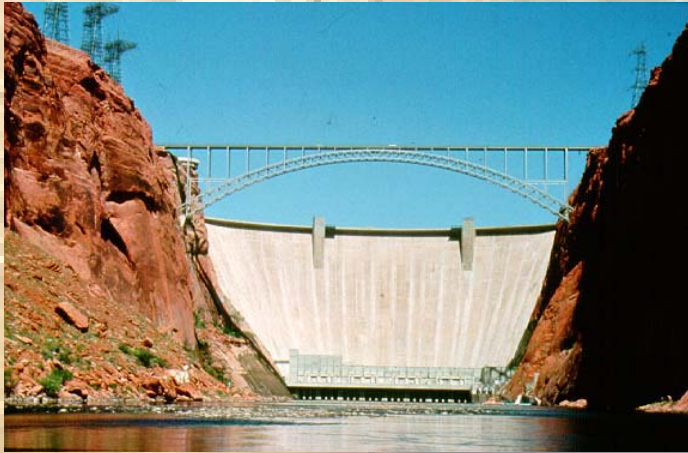


# Consortium Means

- **CONSORTIUM-1:** an agreement, combination, or group formed to undertake an enterprise beyond the resources of any one member.**2:** ASSOCIATION, SOCIETY



# In the Beginning



- In the late 1980s and early 1990s the EIS for Glen Canyon Dam was being prepared; Southern Paiute tribes had to work hard to be included

- 2 Southern Paiute Tribes: Kaibab Band of Paiute, Paiute Indian Tribe of Utah (rep Shivwits Band) form the Southern Paiute Consortium



Gloria Benson & Geneal Anderson

- 3 Southern Paiute Tribes: Kaibab Band of Paiute, Paiute Indian Tribe of Utah (rep Shivwits Band), San Juan Southern Paiute sign PA

- Goal is more effective Government-to-Government interaction between the tribes, the BOR, and other federal agencies

- **The basis for the Southern Paiute monitoring and education program and the results of its initial development and implementation are fully discussed in the report, (Past, Present, Future) Managing Southern Paiute Resources in the Colorado River Corridor (Stoffle, Austin, Fulfrost, Phillips and Drye 1995)**
- **The results of each succeeding year's activities are reported in annual reports to the BOR and NPS**

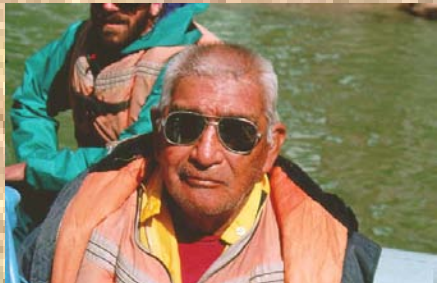


# Basis for SPC Program

- Translate general responsibility for caring for the traditional lands of the Southern Paiutes into ways of engaging with scientists, land managers, and others
- Ensure that its member tribes continue to have the information necessary for participating in decisions related to dam management

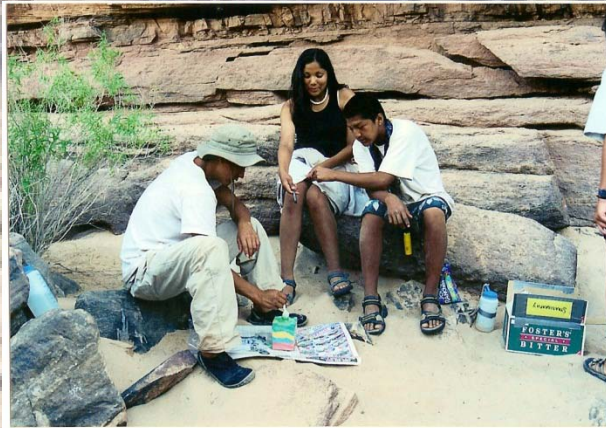
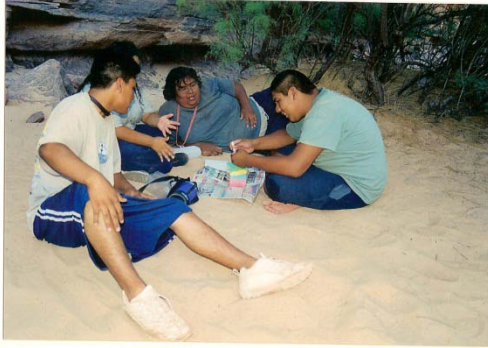


# Elder Participation





# We all Work



# Approach

- The SPC monitors sites within the Colorado River Corridor that are both of particular cultural significance to Southern Paiutes and potentially impacted by the operations of the dam
- The conditions at each site are evaluated in a holistic manner – plant communities and individual plants, beach and bank conditions, rock writing and artifacts from the past
- Specific methods used at individual sites include line transects and monitoring of plants in selected plots
- The data collected from all sites are compiled to provide an assessment of larger trends

# Monitoring Highlights from 2012

Interactions between the main channel and side canyons continue to be significant.

For example, South Canyon appears to have flooded since the 2011 high water. Instead of sand and silt deposits the SPC monitors found mixed sand and gravel in the bed of the canyon.



# More Findings...



## Effect of Tamarisk Beetle at South Canyon

Though most of the Marble Canyon area from Lees Ferry and down has been affected by the beetles, there are a couple of short reaches between Lees Ferry and South Canyon where the tamarisk is still healthy and apparently unaffected by the beetles.



The Nankoweap Creek bed continues to grow wider. A September 2009 flash flood resulted in completed loss of Transect 1. The SPC established a new transect in the creek bed to document recovery of plants in the lower creek bed.

There has been a general decline in all species except catclaw acacia (*Acacia greggii*) along the Kanab Creek transect, (beyond the high water zone) due to drought.



Upper portion of Kanab Creek, Transect 1



Lower portion of Kanab Creek, Transect 1, with dessicated prickly pear

High water releases made water available to the vegetation near the river and was a significant benefit.



# Thanks

