



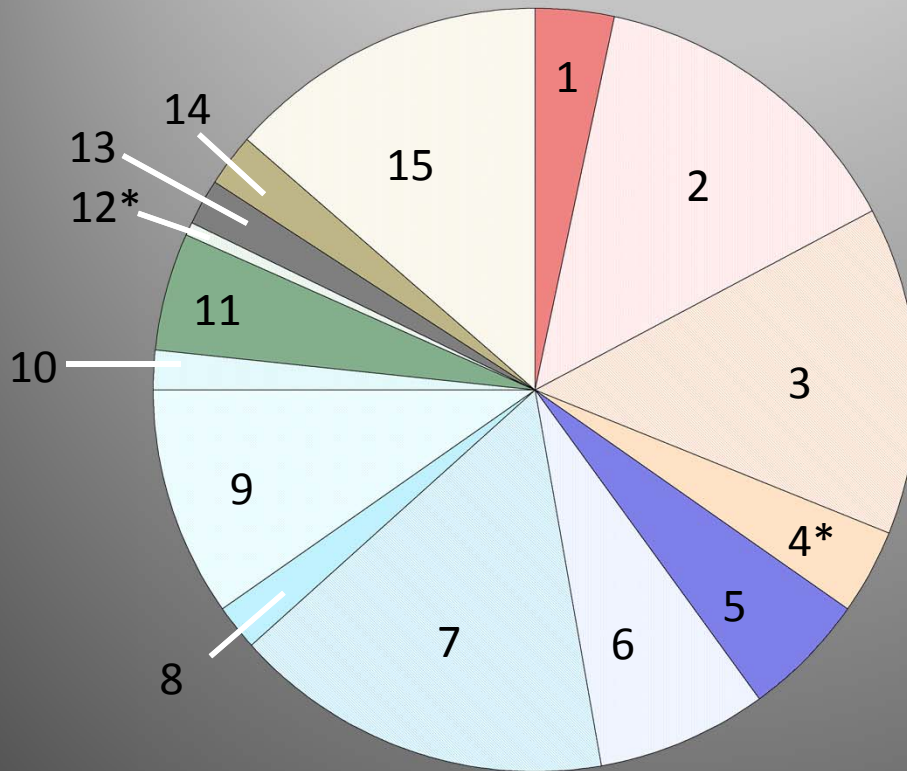
GCMRC Budget Update

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Grand Canyon Monitoring and Research Center

U.S. Department of the Interior
U.S. Geological Survey





Geophysical sciences (35%)
 Aquatic and fish science (42%)
 Vegetation (6%)
 Socioeconomics (2%)
 Administration /support (16%)

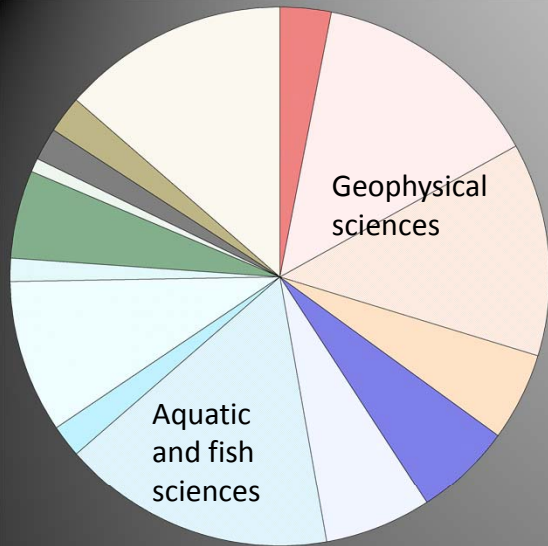
 *projects directly related to cultural resources (4%)

FY15
 \$9,548,100 total budget

All categories include USGS burden rate on GCMRC activities (15.6%)

- 1. Lake Powell and Glen Canyon Dam Release Water-Q
- 2. Stream Flow, Water Quality, and Sediment Transp
- 3. Sandbars and Sediment Storage Dynamics
- 4. Connectivity along the Fluvial-Aeolian-Hillslop
- 5. Food Base Monitoring and Research
- 6. Mainstem Colorado River Humpback Chub Aggregati
- 7. Population Ecology of Humpback Chub in and arou
- 8. Experimental Actions to Increase Abundance and
- 9. Understanding Factors Determining Recruitment,
- 10. Mapping and Assessment of Aquatic Habitats bel
- 11. Riparian Vegetation Studies: Ground-based and
- 12. Dam-Related Effects on the Distribution and Ab
- 13. Socio-economic Monitoring and Research
- 14. Geographic Information Systems, Services, and
- 15. Administration and Support





Geophysical sciences (35%)
 Aquatic and fish science (41%)
 Vegetation (6%)
 Socioeconomics (2%)
 Administration and support (16%)
 Projects directly related to cultural resources (6%)

- 1. Lake Powell and Glen Canyon Dam Release Water-Q
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FY16
\$9,859,600 total budget

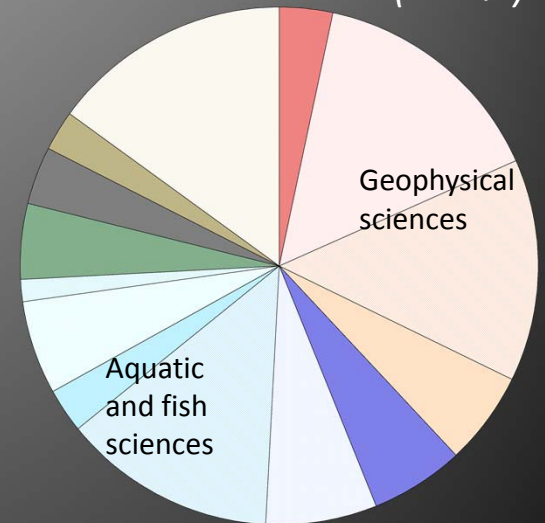
All categories include USGS burden rate (21.3%)



Geophysical sciences (38%)
 Aquatic and fish science (36%)
 Vegetation (5%)
 Socioeconomics (3%)
 Administration and support (18%)
 Projects directly related to cultural resources (6%)

FY17
\$9,806,100 total budget

All categories include USGS burden rate (27.4%)



- 1. Lake Powell and Glen Canyon Dam Release Water-Q
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- 14. Geographic Information Systems, Services, and
- 15. Administration and Support

FY 16 and FY 17

Proposed GCRM budget:

FY16 – \$9.9 million

FY17 – \$9.8 million

Anticipated GCDAMP funding:

FY16 – \$9.1 million

FY17 – \$9.3 million

USGS/SBSC/GCMRC indirect cost rates:

FY16 – 21.3%

FY17 – 27.4%

FY 16 and FY 17

Proposed GCRM budget:

FY16 – \$9.9 million

FY17 – \$9.8 million

Anticipated GCDAMP funding:

FY16 – \$9.1 million

FY17 – \$9.3 million

USGS/SBSC/GCMRC indirect cost rates:

FY16 – 21.3%

FY17 – 27.4%

Prioritize monitoring and research activities
Shorten research projects from 3 years to 2 years
Delay start times of some projects
Remove some projects from GCDAMP funding

Reduce GCDAMP funding and implement cost saving mandate:

FY16 – GCDAMP funding at 93% of identified costs

FY17 – GCDAMP funding at 95% of identified costs

Burden Rates Revised for FY15 & FY16

USGS/SBSC/GCMRC indirect cost rates:

FY15 – 15.6% → 13.6%

FY16 – 21.3% → ~13%

FY17 – 27.4% → 27.4%?

Estimated additional funding available due to reduced indirect cost rates:

FY15 – ~\$150,000

FY16 – ~\$500,000

FY17 – no change

Revised funding estimates:

FY15 – GCDAMP funding at 100% of identified costs

Propose to carry forward surplus to FY16

FY16 – GCDAMP funding at ~98% of identified costs

FY17 – GCDAMP funding at 95% of identified costs