



United States Department of the Interior

U. S. GEOLOGICAL SURVEY
GRAND CANYON MONITORING & RESEARCH CENTER
2255 NORTH GEMINI DRIVE
FLAGSTAFF, ARIZONA 86001
520-556-7074

DEC 14 2001

MEMORANDUM

To: Adaptive Management Work Group

From: Barry D. Gold
Chief, GCMRC

Subject: Fiscal Year 1997 – 2003 Cumulative Budget Report

Attached is the Grand Canyon Monitoring and Research Center (GCMRC) cumulative budget report that tracks costs for GCMRC scientific activities and administrative and technical support functions. The actual costs are reported for fiscal years 1997 – 2001, whereas the budgeted costs are reported for FY 2002, and the proposed costs are reported for FY 2003.

In fiscal years 1997 – 2000, budgets were developed by program areas: Cultural, Biological, Physical, and Information Technologies. In fiscal year 2001, at the direction of the AMWG Ad Hoc Budget Committee, GCMRC changed to a project cost accounting method of budgeting and tracking costs. Budgets were developed for monitoring and research projects that integrated across the various program areas and included direct costs as well as salary, logistics, and technical support services.

As you review the attached reports, please note the following changes:

- Prior to FY-2001, salary was a line item in the Administration Operations account. Beginning FY-2001, salary was distributed to projects. Salary for GIS and survey operations were also distributed to projects as technical support services.
- Prior to FY-2001, logistics were maintained in a Logistics Operations account. Beginning FY-2001, logistics were distributed to projects.

GCMRC is requesting appropriated funding to supplement research and monitoring projects in the FY-2003 proposed budget. Projects for which appropriated funding is requested is indicated with a footnote. Greater detail on appropriated funding requests may be obtained from the GCMRC 2003 annual workplan.

Attachment



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MEMORANDUM

To: Adaptive Management Work Group

From: Barry D. Gold *BG*
Chief, GCMRC

Subject: Final Draft Information Needs

Attached is the Final Draft of the Information Needs that are intended to support the AMP Goals and Objectives recommended for adoption by the Adaptive Management Work Group. A recommendation to adopt the Information Needs with any final revisions will be sought at the January 17-18 meeting.

The Information Needs define the specific knowledge or understanding that is required to accomplish a management objective. They define what one needs to know. The information may be needed to: (a) assess whether or not a management objective is being achieved (i.e., help determine why the system is not responding as predicted); (b) develop basic understanding about cause and effect relationships; (c) meet the legal/policy requirements of consultation; and (d) test more effective ways to achieve desired resource conditions. In addition, information may be needed to help determine a target level for an IN (i.e., quantify or define a management objective).

This Final Draft of the INs has been developed through a consultative process by GCMRC and the TWG that has included 7 meetings and 8 drafts. It is the view of GCMRC that while one could continue to fine-tune the Information Needs document, and that while individual AMWG members do not agree on all of the Information Needs contained in the document, taken as a whole it represents an important framework for guiding the development of GCMRC's second strategic plan and for providing the information required by the AMP.

Following a recommendation by the AMWG to adopt the Information Needs, the difficult task of prioritizing the Information Needs in the context of the GCMRC strategic plan still needs to be accomplished.

Finally, it should be noted that GCMRC is proposing in FY 2002 and again in FY 2003 to use the funds allocated for AMWG/TWG requests to support, in conjunction with the TWG, the development of target levels for the Information Needs.

Attachment