

FY-2012-2013 PROPOSED SCOPE OF WORK for:
Geomorphology Peer Review

Project #: 86

Lead Agency: Water Acquisition Committee

Submitted By: Jana Mohrman, Chairman
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Category:

- Ongoing project
- Ongoing-revised project
- Requested new start
- Unsolicited proposal

Expected Funding Source:

- Annual funds
- Capital funds
- Other (Section 7)

I. Title of Proposal:

Peer Review of Scopes of Work and Draft Reports Containing a Geomorphologic Component for the Colorado and Green Rivers.

II. Relationship to RIPRAP:

RIPRAP Item Number:

Colorado River Action Plan: Mainstem

I. Provide and Protect Instream Flows

Green River Action Plan: Mainstem

I. Provide and Protect Instream Flows

Green River Action Plan: Yampa and Little Snake Rivers

I. Provide and Protect Instream Flows

III. Rationale/Problem Statement:

Geomorphology has become an important aspect of flow recommendations developed by U.S. Fish and Wildlife Service biologists. High flows are often recommended based on the need to maintain channel morphology necessary for providing backwater and main channel habitats for endangered fishes. In addition, channel monitoring is becoming increasingly important as the Recovery Program moves from a research oriented program to implementation of projects such as

coordinated reservoir operations, re-operation of dams, instream flow protection, and levee removal. The Recovery Program's channel monitoring efforts are expanding with new and ongoing projects to be reviewed each year. To ensure that future geomorphology and channel monitoring projects are designed properly, a peer review process is being proposed for these types of work.

IV. Project Goals and Objectives:

Implementation of a peer review panel that will:

- 1) Review and provide comment on all new scopes of work that contain a geomorphologic component. Determine if the proposed methodology will achieve the objectives of the scope, and if not, make recommendations on how to modify study design so the objectives can be accomplished efficiently and effectively.
- 2) Provide review of draft reports that contain a geomorphologic component as part of the Program's approved peer review process. Provide comment on the use and interpretation of data.
- 3) Other peer review panel activities for FY-2011 included and may continue was review of the geomorphologic-related USGS sediment Report 85F.

V. Study Area:

Colorado and Green Rivers.

V. Study Methods/Approach:

The peer review panel, established in FY-98, will continue to review scopes of work and annual completion reports, and on an as-needed basis, to respond to the application of geomorphology components of projects. Panel comments will be provided to the Water Acquisition Committee, the Program Director's office, and the principal investigator.

VII. Task Description and Schedule:

The panel from time to time will be requested to review Scopes of Work, and provide comments and suggestions to improve the methodologies or clarity of the scopes of work. The comments from the panel will be provided to the principal investigator or the appropriate Recovery Program coordinator. The Panel will be requested to review draft and final reports which are under consideration by the Recovery Program.

VIII. FY 2012 and 2013 Work:

Deliverables: A report or series of reports in letter form will provide comments, constructive criticism, and ideas on:

1) Adequacy of the proposed methodology for geomorphology aspects of the proposed Scopes of work (this includes prodding comments, criticism, and ideas on how channel monitoring can be accomplished effectively and efficiently); and

2) Adequacy of the draft completion reports, with comment on whether or not the data used are appropriate and support the recommendations.

<u>FY-2012</u>	Budget
	\$10,000

<u>FY-2013</u>	Budget
	\$10,000

Budget Summary:

FY-2012	\$10,000
FY-2013	<u>\$10,000</u>
Total	\$20,000

X. Reviewers: N/A