Fiscal Planning Meeting February 21, 2024

Meeting Materials:

<u>Agenda</u>

<u>Minutes</u>

Draft Funding Approach Schematic [read-ahead, draft]

RFP Process Ad Hoc Group Charge [read-ahead, draft]

Draft Multi-Year Plan [read-ahead, draft]

Long-Term Plan for Science and Adaptive Management Project List [read-ahead, not included]

Revised Funding Pathways Ad Hoc Group Charge [follow-up, draft]

Draft Portal Page - Funding Opportunities Matrix [follow-up]

Draft Portal Page - Funding Opportunities Graphic [follow-up]

Draft Portal Page - Application Due Dates [follow-up]

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Agenda



Middle Rio Grande Endangered Species Collaborative Program

Est. 2000

Fiscal Planning Committee (FPC) Meeting Agenda

February 21, 2024; 10:00 AM - 11:30 AM MT

Location: Microsoft Teams

Microsoft Teams Log-In: <u>Click here to join the meeting</u> Meeting ID: 256 626 269 050 Passcode: FMKzca

<u>Meeting Objectives:</u>

- Review action items from the December 14, 2023 FPC meeting.
- Approve December 14, 2023 Meeting Minutes.
- Hear an update from Program Support Team (PST).
- Discuss the collaborative project prioritization and funding approach.
- Hear an update on the Funding Opportunities Matrix.
- Open discussion on future of FPC.
- Discuss how the FPC can inform the project priorities of Signatories and support Signatories in the pursuit of funding.
- Discuss integration of the FPC and Science and Adaptive Management Committee (SAMC) related to supporting Signatories.

| 10:00 - 10:05 | Welcome, Introductions, and Agenda Review | FPC Co-chairs |
|---------------|--|---|
| | ✓ Decision: Approval of February 21, 2024 meeting agenda | |
| 10:05 - 10:10 | December 2023 Meeting Summary Action items review | PST |
| | ✓ Decision: Approval of December 14, 2023 meeting minutes | |
| | Read-Ahead: Draft December 14, 2023 FPC Meeting Minutes | |
| 10:10 - 10:20 | Program Support Team (PST) Update WEST/Reclamation contract update Climate Futures Planning Workshop cancelation SAMIS app combination update | PST |
| 10:20 - 10:50 | Collaborative Project Prioritization and Funding Approach Request for Proposal (RFP) process Funding approach schematic Incorporation of Multi-Year Plan (MYP) into the Long-Term Plan for Science and Adaptive Management (LTP) Project List | PST and Aubrey Harris, U.S. Army Corps of Engineers |

| | Group chargeRequest for FPC co-lead for ad hoc group | |
|---------------|---|------------------|
| | Read-Aheads: Funding Approach Schematic Collaborative Project Prioritization and Funding Approach Ad Hoc Group Charge Draft Multi-Year Plan (<i>for reference only</i>) Long-Term Plan for Science and Adaptive Management Project List (<i>for reference only</i>) | |
| 10:50 - 10:55 | Update on the Funding Opportunities Matrix Program Portal update | PST |
| 10:55 - 11:25 | Open Discussion FPC discussion on how the FPC should function moving forward Informing project priorities of Signatories and supporting the pursuit of funding Integration of FPC and SAMC efforts | Group Discussion |
| 11:25 - 11:30 | Action Items, Next Steps, and Announcements Upcoming Events: SAMC Meeting: March 12, 2024; 2-4 PM MAT Meeting: March 14, 2024; 1-3 PM EC Meeting: March 28; 1-4 PM | PST |
| 11:30 | Adjourn | |

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Minutes



Middle Rio Grande Endangered Species Collaborative Program

Est. 2000

Fiscal Planning Committee (FPC) Meeting Minutes [not approved by the FPC]

February 21, 2024; 10:00 AM – 11:30 AM MT

Location: Bureau of Reclamation Albuquerque Office, San Juan Conference Room 555 Broadway Blvd NE, Albuquerque, NM 87102

Decisions:

- ✓ Approval of February 21, 2024 FPC meeting agenda
- ✓ Approval of December 14, 2023 FPC meeting minutes

Announcements:

 U.S. Bureau of Reclamation (Reclamation) made the decision not to offer the next option year of the Program and Science Support (PASS) contract to Western EcoSystems Technology, Inc. (WEST). The current Program Support Team (PST) will end work on the Middle Rio Grande Endangered Species Collaborative Program (MRGESCP) at the end of March 2024. Zoë Rossman will serve as the interim Program Coordinator with support from Michelle Tuineau as the Program Assistant through March 2024.

| wнo | ACTION ITEM | BY WHEN |
|--------------------------|---|-----------|
| FPC | Provide comments on the draft Funding Pathways Ad Hoc Group charge | 3/1/2024 |
| FPC members | Volunteer to be FPC co-lead for the Funding Pathways Ad Hoc Group with Aubrey Harris from the Science and Adaptive Management Committee (SAMC) | 3/1/2024 |
| PST and Aubrey Harris | Revise the Funding Pathways Ad Hoc Group charge based on FPC discussion and provide it along with FPC comments to the SAMC | 3/5/2024 |
| PST | Develop a list of priority tasks for continuing the MRGESCP (including the FPC) during the interim period without a third-party management team | 3/21/2023 |

Action Items:

Next Meeting: TBD

Meeting Minutes

Welcome, Introductions, and Agenda Review

The Federal Co-Chair, Danielle Galloway, U.S. Army of Engineers (USACE), opened the meeting, led introductions, and reviewed the February 21, 2024 meeting agenda. The agenda was approved by attending FPC members.

✓ **Decision**: Approval of February 21, 2024 FPC meeting agenda

December 2023 Meeting Summary

The PST reviewed the December 14, 2023 meeting minutes and action items. Summary updates for action items are below:

- The PST provided the WEST presentation slides, PST resumes, and Communications Plan to the FPC
- The PST provided links to the Funding Opportunities Matrix on the Program Portal
- The PST was not able to meet with the FPC Co-Chairs prior to the EC meeting on January 18, 2024 to review the revised draft 2024 Work Plan. The 2024 Work Plan was approved by the EC at the January meeting. This plan is a living document that will be updated as needed based on input from all committees.
- The FPC provided feedback on the user experience for the Funding Opportunities Matrix on the Program Portal. Feedback was sent to U.S. Geological Survey (USGS) for incorporation on the Program Portal. New versions of the Funding Matrix pages will be rolled out with the new Program Portal interface. The new interface goes live at the end of February 2024.
- Anne Marken reported out the 2023 FPC Summary Report at the January 18 EC meeting.
- The PST coordinated with USGS on updating Program Portal interface and a new Funding Opportunities Matrix will be rolled out at the end of February.
- The PST looked for available information on past signatory/PST one-on-one conversations but was unable to find notes.
- The PST scheduled time for an FPC open discussion on the February 2024 agenda.

The meeting minutes were approved by attending FPC members.

✓ **Decision**: Approval of December 14, 2023 FPC meeting minutes

Program Support Team (PST) Update

The PST provided an update. Summary updates are below:

WEST/Reclamation Contract Update

WEST will no longer be providing program support to the MRGESCP once the current contract year ends after March 31, 2024. Zoë Rossman took over as Interim Program Coordinator with support from Michelle Tuineau starting February 9, 2024 and will continue through March 2024. The PST has been working closely with Reclamation to develop a transition plan and an approach for the next 6 weeks. The PST will be moving forward the MRGESCP's groups and tasks but will also be documenting ongoing efforts, so they can be picked back up at a later date.

Climate Futures Planning Workshop Cancelation

In light of the upcoming changes, Reclamation and WEST determined not to move forward with the Climate Futures Planning Workshop in March 2024. WEST will provide full documentation, sources, and materials for the workshop, so that it can proceed at a later date.

SAMIS App Combination Update

There are currently two Science and Adaptive Management Information System (SAMIS) apps with separate functions; one app is for data entry and the second app is for data viewing. These apps are currently being combined to improve user experience. The combined SAMIS app will be completed by the end of March.

Collaborative Project Prioritization and Funding Approach

Aubrey Harris, USACE, SAMC liaison on the FPC, and the PST presented on the Collaborative Project Prioritization and Funding Approach. Summary points are below:

- The FPC decided to refer to the collaborative project prioritization and funding approach as funding pathways.
- Aubrey H. and Hira Walker, USACE, have been interested in developing funding processes and tools that support the proactive pursuit of grants and interagency funding and better advertise the opportunities available.
- USACE would like to have more input from the MRGESCP when prioritizing projects.
- To that end, Aubrey H. helped develop the funding pathways.
- At the January 18 meeting, the EC reviewed the funding schematic and approved of the SAMC and FPC working together to develop the funding pathways further.
- The PST presented the funding schematic and reviewed the internal and external funding pathways. The goal is to support signatories as they pursue funding.
- Development of the funding pathways will be completed by a hybrid ad hoc group of both SAMC and FPC members. A charge was drafted by Aubrey H.
- An important piece of this funding pathways process is selecting priorities, which should be selected from the Long-Term Plan (LTP) Project List. The MYP, which was approved in theory pending a SAMC science review, also contains projects but there are concerns about how it fits into existing program structure. Rather than keeping these projects separate, the EC approved of integrating projects from the MYP into the LTP, while keeping the structure in the MYP that folks liked (e.g., chronology and category sections).
- Lynette G. approved of merging the plans but noted that the term "Long-Term Plan" must remain for contract purposes.
- Hira W. would like the LTP Project List to be developed further and be useful for ranking priorities. She suggested incorporating structured decision-making when merging the MYP with the LTP.
- The PST stated the objective moving forward is to flesh out the approach and do a pilot run to present to the EC. The PST noted that a lot of deliverables for developing the funding pathways are templates.
- Cetan C. noted that merging the MYP and LTP was not included as a task in the ad hoc group charge and asked if this step needed to be done before developing the approach.
 - The PST is asking for input from the FPC and SAMC on whether the task should be added to the charge or included on a new charge.
 - An FPC member stated the priority selection process needed to be complete before the pilot run.

- The SAMC will have more input on carrying out this task as the SAMC will select priorities.
- FPC members supported a simultaneous timeline for integrating the MYP into the LTP and developing the funding pathways.
- The PST asked for feedback on incorporating feedback from the EC on the types of projects they are seeking prior to the SAMC selecting priorities.
 - Lynette G. suggested adding a pre-step on the funding schematic where the EC provides information on their funding priorities. This could be a two-way arrow to EC input.
 - FPC members noted there are other inputs that could affect priority selection, including a potential abundance of grants in one focus area, such as climate.
- The PST noted that the funding pathways are not mandatory and organizations will spend their money how they want.
- The PST highlighted the importance of getting all signatories involved by showcasing the value of the funding pathways. The funding pathways offer some structure for collaborating and focusing on species priorities with MRGESCP backing when pursuing funding.
 - Being able to select MRGESCP-backed projects quickly can help prevent losing out on funding opportunities.
- The PST asked for a volunteer on the FPC to co-lead the Funding Pathways Ad Hoc Group with Aubrey H as SAMC co-lead.
 - There were no volunteers.
- > Action Item: FPC will provide comments on the draft Funding Pathways Ad Hoc Group charge
- Action Item: FPC members will volunteer to be FPC co-lead for the Funding Pathways Ad Hoc Group with Aubrey Harris from the SAMC
- Action Item: PST and Aubrey Harris will revise the Funding Pathways Ad Hoc Group charge based on FPC discussion and provide it along with FPC comments to the SAMC

Update on the Funding Opportunities Matrix

The new Program Portal interface rolls out at the end of February 2024. It will include updated Funding Matrix pages. The FPC provided feedback on the colors of the Funding Matrix pages, which have been addressed by USGS. The Funding Matrix pages will be available under the "Resources" tab on the Program Portal with a potential link featured prominently on the homepage if the Funding Matrix is frequently used.

Open Discussion

The FPC had an open discussion of the FPC. Summary points are below:

- In light of contract changes, this open discussion will help plan for the future of the FPC and MRGESCP.
- The PST asked the FPC to consider how the FPC should function moving forward. Although the PST will not support the MRGESCP past March, the FPC members will remain and can inform the future of the MRGESCP. The PST plans to listen and document the discussion.
- Lynette G. believes the biggest issue to face is getting EC representatives to move forward on items sent by the FPC and SAMC. She noted the importance of repeatedly communicating the importance of these items up the chain to the EC.

- Anne Marken, Middle Rio Grande Conservancy District, Non-Federal Co-Chair noted the continued importance of the FPC related to identifying available funding and priorities. Anne M. was concerned about not having the PST but is hopeful progress will continue to be made.
- FPC members noted the change in the MRGESCP after WEST stepped in as the PST and expressed their appreciation.
- Anne M. expressed concern about management of the MRGESCP, which made it difficult to comment on the function of the FPC alone.
- The PST noted that MRGESCP members also have full time jobs and it is difficult to find time to participate. The PST asked if there were parts of the MRGESCP that were easier to engage in and inspired more enthusiasm.
 - FPC members did not have a response.
- Anne M. stated that the PST has been available to clearly direct and prepare folks for meetings, making it easier to engage. Danielle G. stated that it would be harder to commit to serving as a committee co-chair without that support.
 - Lynette G. noted that Reclamation was seeking a new contractor, which could offer the support needed.
- Cetan Christensen, Albuquerque Bernalillo County Water Utility Authority, asked which actions needed to be taken to continue the progress of the MRGESCP before a new contractor comes on. Folks would be more willing to help if they knew what was needed.
 - The PST offered to provide a list of priority tasks for continuing the MRGESCP before a new contractor comes on. The list can be pulled from the PASS contract.
- The PST noted that the interim period before a new contractor starts is an opportunity to reevaluate the structure of the MRGESCP (meetings, groups, focus, etc.) and make changes that would increase engagement before a new contract enforces limitations.
- Action Item: PST will develop a list of priority tasks for continuing the MRGESCP (including the FPC) during the interim period without a third-party management team

Action Items, Next Steps, and Announcements:

Upcoming Events:

- SAMC Meeting: March 12, 2024
- EC Meeting: March 28, 2024
- Next FPC Meeting: TBD

Meeting Participants

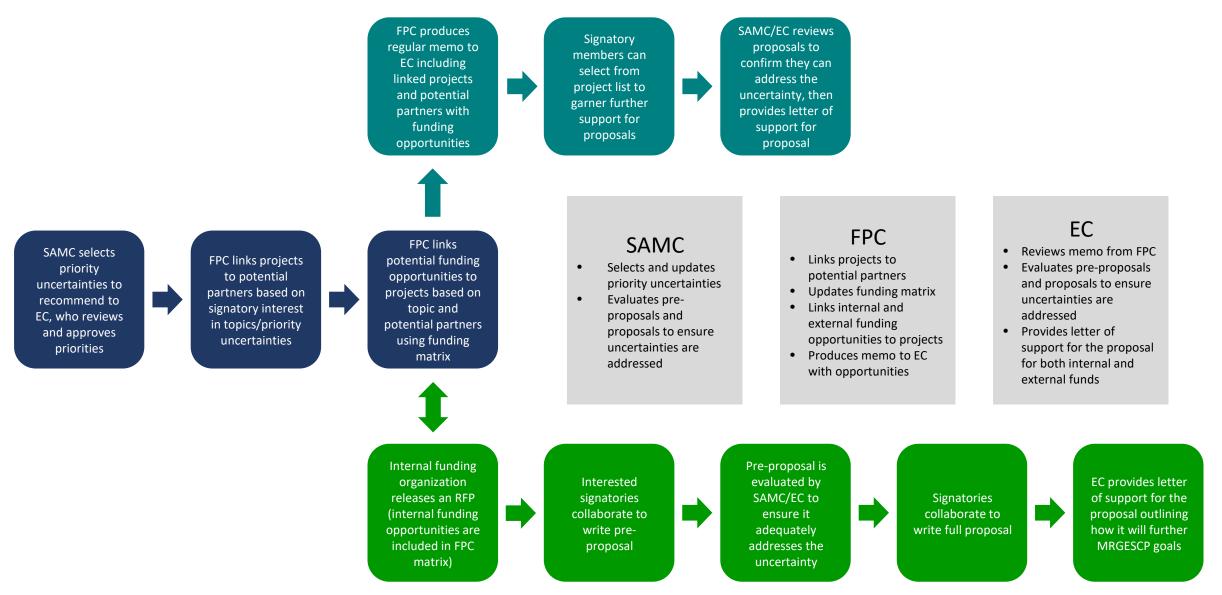
| FPC Representative | Organization |
|---|---|
| Anne Marken, Non-federal Co-chair | Middle Rio Grande Conservancy District |
| Danielle Galloway, Federal Co-chair | U.S. Army Corps of Engineers |
| Aubrey Harris, SAMC Liaison for the FPC | U.S. Army Corps of Engineers |
| Cetan Christensen | Albuquerque Bernalillo County Water Utility Authority |
| Grace Haggerty | New Mexico Interstate Stream Commission |
| Hira Walker | U.S. Army Corps of Engineers |
| Lynette Giesen | U.S. Bureau of Reclamation |
| Support | Organization |
| Support | |
| Zoë Rossman | Program Support Team |
| Michelle Tuineau | Program Support Team |
| Bethany Hanak | Program Support Team |

Fiscal Planning Meeting February 21, 2024

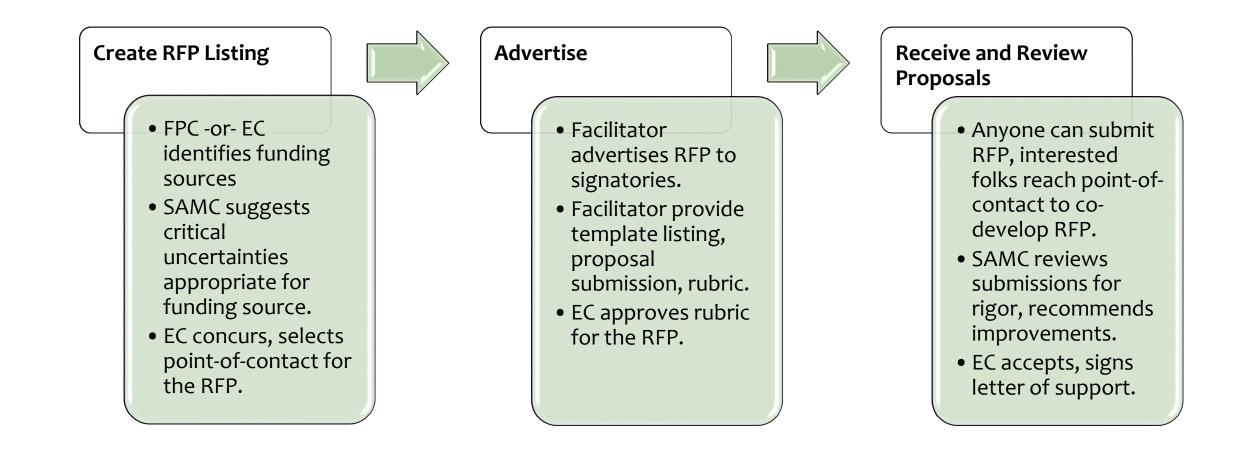
See the following meeting material on the page below:

Draft Funding Approach Schematic [read-ahead, draft]

External funding opportunities



Internal funding opportunities/RFP approach



Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

RFP Process Ad Hoc Group Charge [read-ahead, draft]

Middle Rio Grande Endangered Species Collaborative Program (MRGESCP) Hybrid Ad Hoc Group Charge Request for Proposals Process Ad Hoc Group

Approved by members of the Ad Hoc Group Name on [date] Approved by the Science and Adaptive Management Committee on [date] Approved by the Executive Committee on [date]

SAMC Lead(s): Aubrey Harris FPC Lead(s):

Keywords: Administration, collaboration, project prioritization

Parent Committee(s)

Science and Adaptive Management Committee, Executive Committee

I. Ad Hoc Group Charge

In order to foster collaboration across signatories and to support resource development for the program, this ad hoc group shall organize a process that links the FPC funding opportunities matrix, the Long-Term and Multi-Year Plans, and EC leadership objectives as a Request for Proposal process. This process will generate templates and workflows to identify funding opportunities relevant to MRGESCP program objectives, modes to solicit proposals to achieve these objectives, and review processes to maintain a level of consistency across the Collaborative Program.

II. Membership

A. Criteria for membership

We would like representative members from the FPC, SAMC, and EC to participate. Ideally folks from different backgrounds (federal, other governmental, tribal, and nonprofit) to help ensure that the proposed process works with multiple stakeholder demographics.

B. Members

| Name | Organization | Role Within Group |
|---------------|--------------|-------------------|
| Aubrey Harris | USACE-ERDC | Lead |
| | | |
| | | |

III. Background and Implementation

The Collaborative Program has developed several resources that articulate scientific or physical barriers to improving ecological outcomes for species of interest (e.g., the Multi-Year Plan, the Long-Term Plan. Additionally, the Collaborative Program has identified resource opportunities that may drive down these uncertainties, as well as to support management activities regarding program objectives (e.g., the Funding Opportunities Matrix). However, the program is resource limited, and project prioritization and fiscal support is

necessary to pursue either applied or basic research regarding critical uncertainties or piloting changes in management.

Contrastingly, the Collaborative Program has strength in its diversity of individual signatory mission-goals, technical expertise, and organization types (e.g., tribal, federal/state government, nonprofit), that would position it to be very effective at pursuing a variety of competitive funding opportunities.

Therefore, the Ad Hoc Group will develop a process that synergizes the FPC, SAMC, and EC objectives to create opportunities and increase resources available for the Program mission.

IV. Objectives

1. Develop a process that incorporates Collaborative Program critical uncertainties, funding opportunities, and EC motivations.

V. Potential Resources

Existing resources are: the draft multi-year plan, the long-term plan, SAMC and FPC committees, Funding Opportunity Matrix.

VI. Tasks and Deliverables

| Objective | Task | Deliverable (if applicable) |
|-----------|---|---|
| 1 | A. Develop a proposed RFP workflow for FPC, SAMC, and EC, and solicit feedback from EC. | Presentation to EC |
| 1 | B. Develop templates that guide participants through the RFP workflow | Template RFP, proposals, rating rubrics, EC letter of support |
| 1 | C. Pilot the workflow with advertisement of real funding opportunities. | Advertisement of a couple grants, and if applicable, proposal review and EC acceptance. |

VII. Application of Deliverables

The deliverables would be applicable at different scales in the Program:

- 1. On a regular basis (quarterly, or however the process finds appropriate), motivates committees to keep up to date on innovations to keep the Program moving forward. These would be published in the MRGESCP newsletter.
 - a. Directs SAMC to identify the most pressing and important uncertainties for EC to prioritize.
 - b. Directs FPC to select compelling funding opportunities to bring to the Program's attention.
- 2. Provides resources if any signatory is interested in pursuing a funding source that values collaboration. These resources would be made available on the Program Portal.
 - a. Templates for Requests for Proposals, to solicit pertinent information for project selection within those proposals, rubrics that allow for fair selection of proposals, and support letters to strengthen proposals.
 - b. Has mechanisms for facilitator to advertise these opportunities to the broader Program audience, perhaps collating resources and expertise that otherwise would not be realized.

VIII. Timeline and Reporting Schedule

| Deliverable | Prerequisites | Start Date | End Date | Notes |
|-------------|---------------|------------|-----------------------------|--|
| 1A | None | Jan 2024 | EC Meeting (April 2024?) | Start date contingent on ad hoc formation |
| 1B | 1A | April 2024 | Aug 2024 | |
| 1C | 18 | Aug 2024 | Dec 2024 | Duration of task depends on how frequently RFPs would be advertised, piloting the process. |

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Draft Multi-Year Plan [read-ahead, draft]

MRGESCP Multi-Year Plan (2023-2027)

On December 6-7, 2022, the Collaborative Program hosted its first biennial Collaboratory. Over the course of the two days, participants identified priority issues to inform a multi-year planning effort in service of the Collaborative Program's mission. Two overarching themes emerged from these priority issues:

- 1. A need for climate scenario planning to manage adaptively in the face of increasing uncertainty; and
- 2. A need to organize endangered species management under an ecosystem approach within the Middle Rio Grande (MRG) Basin.

These two themes provide a framework for all of the topical areas that are included in the multi-year plan. Careful consideration of both themes will ensure the continued relevance of Collaborative Program initiatives and activities to the management priorities of its signatories.

Five critical focus areas identified from Collaboratory conversations were:

- Habitat restoration planning and assessment
- Management of vegetated islands and bank-attached bars
- Rio Grande silvery minnow (RGSM) management and science
- Water operations and flexibility
- Strategic planning for river drying in the MRG

These focus areas, in addition to climate scenario planning, organized and pursued under the ecosystem approach, inform the Collaborative Program's planned direction for the next five years and beyond. Climate scenario planning, while an overarching theme that addresses each of the critical focus areas, will require significant effort from the Collaborative Program to undertake. The multi-year planning approach seeks to forecast the priority management issues and critical scientific questions that have the potential to support future management decisions.

The multi-year plan is organized into: 1) immediate priorities (to be addressed in 2023), 2) short-term priorities (to be addressed over the next 2-4 years), and 3) long-term priorities (to be addressed over five or more years). The levels of certainty and detail for the immediate and short-term priorities are greater than those for the long-term priorities. The end goal(s) of each focus area are stated in the sections below. Details for each focus area, as well as priorities regarding climate scenario planning, are organized in the tables below.

Each item in the tables is assigned an identification code. The first part of the code indicates to which focus area the item belongs. The second part of the code indicates whether the priority is immediate (I), short-term (ST), or long-term (LT). The codes are as follows:

- Focus area
 - o CS: Climate Scenario Planning
 - o HR: Habitat Restoration Planning, Design, and Assessment
 - o SM: Rio Grande Silvery Minnow Management and Science
 - WO: Water Operations and Flexibility
 - RD: Strategic Planning for River Drying in the Middle Rio Grande
- Timing
 - o I: Immediate (2023)
 - o ST: Short-Term (2024-2026)
 - LT: Long-Term (2027 and beyond)

The multi-year plan is a means to organize complex initiatives that require longer implementation times and are interrelated. The multi-year plan will be supplemented by the Biennial Administrative Schedule and each year's Annual Work Plan. The multi-year plan will be revisited after each biennial Collaboratory and revised, as needed, to ensure the Collaborative Program remains responsive to the signatories' evolving needs and management priorities. The multi-year plan items will be linked to existing guiding principles (i.e., mission, goals, objectives, and strategies) and subsequently incorporated in the SAMIS following a scientific review. This review will assess the feasibility of each item and the linkages to existing Program efforts in order to inform new project development.

Climate Scenario Planning

As the climate continues to change in New Mexico, impacts to the ecosystems in which listed species exist are apparent and likely to cascade and intensify over time. To that end, the Collaborative Program, in order to recommend management actions that will protect listed species and their habitats under this new paradigm, must cope with the uncertainty of climate change by exploring potential future conditions in the MRG Basin. The main 2023 effort related to this focus area will be a Climate Scenario Planning Workshop, which will inform many of the other activities in the multi-year work plan.

End Goal: Enable the Collaborative Program signatories and other resource managers to deal collectively with uncertainty of future conditions within the basin.

| ID | Priority | Informed | Informs | Related |
|-----------|--|----------|---------|------------------|
| | | Ву | | Objectives |
| Immediat | te (2023): | | | |
| CS-I-1 | Develop likely future scenarios by applying current | | CS-I-2 | A-4, A-5.1, B-2, |
| | climate data and models to the MRG | | CS-ST-2 | B-3.1, B-3.2, B- |
| | Harness the expertise of regional climate scientists | | HR-ST-2 | 3.3, C-1.1, D- |
| | with experience in developing appropriate scenarios | | HR-LT-3 | 1.2, E-1.2, F-1 |
| | | | WO-I-2 | |
| CS-I-2 | Host a Climate Scenario Planning Workshop designed to: | CS-I-1 | CS-ST-2 | A-4, A-5.1, B-2, |
| | Determine which key ecosystem functions are | | HR-ST-2 | B-3.1, B-3.2, B- |
| | threatened by climate change | | HR-ST-4 | 3.3, C-1.1, D- |
| | Identify scientific uncertainties that influence | | HR-LT-3 | 1.2, E-1.2, F-1 |
| | management decisions | | WO-I-2 | |
| | Begin developing strategies to mitigate impacts of | | RD-ST-1 | |
| | future changes in the system by targeting key | | | |
| | ecosystem functions | | | |
| Short-Ter | m (2024-2026): | | | |
| CS-ST-1 | Continue developing strategies to maintain ecosystem | CS-I-1 | | F-1 |
| | functions under different climate scenarios | CS-I-2 | | |
| CS-ST-2 | Consider potential changes in hydrology and | CS-I-1 | RD-ST-1 | A-3, A-4, A-5.1, |
| | geomorphology, and associated impacts to the | CS-I-2 | | B-2, C-1.1, D- |
| | ecosystem and listed species | | | 1.2, E-1.2 |
| CS-ST-3 | Investigate the cultural and socio-economic impacts of | | CS-ST-4 | |
| | the changing ecosystem | | WO-ST-5 | |
| CS-ST-4 | Engage the public through outreach and education | CS-I-2 | WO-ST-5 | |
| | regarding climate trends and changes in the bosque | CS-ST-3 | | |
| | | RD-I-3 | | |

Program Goals Addressed: A-G

| | Identify actions that can be carried out by members of the public to help mitigate impacts | | | | | |
|------------------------------|---|--|--------------------|------------|--|--|
| Long-Term (2027 and beyond): | | | | | | |
| CS-LT-1 | Continue to update ecological forecasts with latest climate models and data | CS-I-1 CS-ST-2 | | F-1, A-5.1 | | |
| CS-LT-2 | Refresh recommendations for management strategies to protect and maintain important ecosystem functions | CS-I-I CS-I-2 CS-ST-1 CS-ST-2 | HR-LT-1 VI-LT-2 | F-1, A-5.1 | | |
| CS-LT-3 | Develop water conservation strategies | | CS-LT-4 | G-1 | | |
| CS-LT-4 | Carry out public outreach and education around water conservation strategies | CS-ST-4 CS-LT-3 RD-I-3 | RD-I-3 | G-1 | | |
| CS-LT-4 | Explore the role of agricultural practices and irrigation returns in implementing strategies to protect MRG ecosystem functions | DR-ST-4 | | Unsure | | |

Habitat Restoration Planning and Assessment

Habitat restoration is an important conservation action for many Collaborative Program signatories, and will likely increase in importance in the future. Given the forecasted changes to the ecosystem, habitat restoration practices that were effective in the past need to be tested and refined, or replaced in order to preserve key ecosystem functions necessary to support the listed species. The priorities listed below relate to on-going habitat restoration efforts, including outcomes from the 2021 Habitat Restoration Workshop, and also items that address additional Collaborative Program planning and management requests.

End Goals:

- Develop restoration strategies that can provide habitat for listed species, maintain vital ecosystem functions, and contribute to ecosystem recovery.
- Recommend best practices for successful restoration planning, implementation, and monitoring (e.g., proper response metrics, maintenance thresholds, and assessment tools) for the MRG.

Program Goals Addressed: A-F

| ID | Priority | Informed | Informs | Related Objectives | | |
|-----------|---|----------|------------------------------|--|--|--|
| Immediat | Immediate (2023): | | | | | |
| HR-I-1 | Develop a standardized framework to guide restoration planning that includes identification of response metrics to measure and track progress/success | HR-I-3 | HR-ST-5 HR-ST-7 | A-5.2, B-3.1, B-3.3, C-1.1, D-1.2, E-1.2 | | |
| HR-I-2 | Recommend updates to the habitat restoration geospatial database, "RioRestore" | | HR-ST-1 | A-5.2, B-3.1, B-3.3, C-1.1, D-1.2, E-1.2 | | |
| HR-I-3 | Organize habitat restoration monitoring plans and protocols into a compendium for MRG restoration practitioners | | HR-ST-5 HR-ST-7 HR-I-1 | F-1, E-1.1, D- 1.1, C-1.3, B- 1, A-1 | | |
| HR-I-4 | Investigate potential funding opportunities (especially long-term) and partnerships in support of habitat restoration projects | | | A-5.2, B-3.1, B-3.3, C-1.1, D-1.2, E-1.2 | | |
| Short-Ter | m (2024-2026): | | | , | | |

| HR-ST-1 | Update RioRestore | HR-I-2 | | A-5.2, B-3.1, |
|---------|---|---------|---------|----------------|
| | | | | B-3.3, C-1.1, |
| | | | | D-1.2, E-1.2 |
| HR-ST-2 | Forecast expected changes to vegetative communities | CS-I-1 | HR-ST-3 | F-1, F-2 |
| | based on the climate scenarios | CS-I-2 | | |
| HR-ST-3 | Develop restoration strategies to maintain ecosystem | HR-ST-2 | HR-ST-7 | F-2 |
| | functions, exploring the roles of both native and non- | | VI-LT-2 | |
| | native species | | | |
| HR-ST-4 | Recommend modifications to habitat restoration | CS-I-2 | HR-ST-7 | F-1 |
| | practices to incorporate climate scenarios, targeting vital | HR-ST-3 | | |
| | ecosystem functions | VI-ST-3 | | |
| HR-ST-5 | Integrate signatories' wildfire prevention, mitigation and | | HR-LT-1 | Unsure |
| | restoration best practices | | | |
| HR-ST-6 | Investigate feasibility and value of disposing or | | HR-LT-1 | New obj? |
| | repurposing of post-construction materials, such as | | | |
| | vegetation and sediment | | | |
| HR-ST-7 | Develop strategies to adaptively manage habitat | HR-I-1 | | B-3.1, B-3.3, |
| | restoration | HR-I-3 | | C-1.1, D-1.2, |
| | | HR-ST-3 | | E-1.2 |
| | | HR-ST-4 | | |
| | | VI-LT-2 | | |
| - | n (2027 and beyond): | I | 1 | 1 |
| HR-LT-1 | Continue to update recommendations for habitat | HR-ST-4 | | A-5.2, B-3.1, |
| | restoration best practices based on learning from project | HR-ST-5 | | B-3.3, C-1.1, |
| | implementation and refined future scenario predictions | HR-ST-6 | | D-1.2, E-1.2 |
| | | HR-ST-7 | | |
| | | CS-LT-2 | | |
| HR-LT-2 | Explore the value of applying an "integrated vegetation | HR-ST-3 | | F-2, B-3.2, B- |
| | management plan" for the MRG | HR-ST-4 | | 3.3, C-1.2, D- |
| | | | | 1.2, E-1.2 |
| HR-LT-3 | Apply the ecosystem approach to habitat restoration | CS-I-2 | | F-1 |
| | projects throughout the MRG | CS-ST-1 | | |
| | | HR-ST-2 | | |
| | | HR-ST-3 | | |

Management of Vegetated Islands and Bank-Attached Bars

In 2022, the Collaborative Program hosted the Workshop on Management of Vegetated Islands and Bank-Attached Bars. While vegetated islands have always been a feature of the MRG ecosystem, changes in hydrology and geomorphology are contributing to changes in their number and permanence. Workshop participants raised questions about the effects these vegetated islands and bars are having on water conveyance and sediment transport processes, as well as the tradeoffs to consider regarding their value to species habitat. At the workshop, participants identified the need for better understanding of where vegetated islands and bars are (or are likely to occur) in the MRG. They also articulated a need for more clarity regarding the relationships between hydrology, ecological functions, and species' responses in order to support management decisions related to island and bar management.

End Goal: Balance the primary management priorities within the MRG (e.g., water delivery, flood control, and ecosystem management) while managing vegetated islands and bank-attached bars in a dynamic river system.

Program Goals Addressed: A-G

| ID | Priority | Informed | Informs | Related | |
|------------------------------|---|--------------------|---|---|--|
| luna una a alta | | Ву | | Objectives | |
| | ate (2023): | | 1412 | | |
| VI-I-1 | Develop a glossary for terminology related to vegetated islands and bars, to improve communication and collaboration among stakeholders | | VI-I-3 | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| VI-I-2 | Clarify authorities and management roles related to vegetated islands and bank-attached bars | | VI-LT-3 | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| VI-I-3 | Begin developing a conceptual model representing ecosystem functions and physical river conditions related to vegetated islands/bars in order to: Account for spatial and temporal successional changes Explore trade-offs regarding habitat formation/loss for different species Characterize trends and conditions Assess management alternatives | VI-I-1 | | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| VI-I-4 | Determine feasibility of developing a map of locations of vegetated islands and bank-attached bars in the MRG, with a plan for regular updates | | VI-ST-2 | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| Short-Te | erm (2024-2026): | | | | |
| VI-ST-1 | Fill in critical data gaps for maps and models, where possible | | | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| VI-ST-2 | Update map of locations of vegetated islands and bank- attached bars in the MRG | VI-I-4 | SM-ST-3 | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| VI-ST-3 | Refine conceptual model of ecosystem functions and physical river conditions related to vegetated islands/bars in the MRG to: Inform further scientific research Recommend adaptive management strategies | HR-ST-9 VI-ST-2 | HR-ST-4 VI-ST-4 VI-LT-1 SM-ST-4 SM-LT-2 | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| VI-ST-4 | Investigate the effects of vegetated islands and bank- attached bars on water conveyance and sediment transport processes | VI-ST-3 | | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |
| Long-Term (2027 and beyond): | | | | | |
| VI-LT-1 | Regularly update and revise the ecosystem-level conceptual model | VI-ST-3 | VI-LT-2 | A-3, A-5.1, A-5.2, B-2, B-3.3, C- 1.1, C-1.2 | |

| VI-LT-2 | Revise and update recommendations for management | CS-LT-2 | A-3, A-5.1, |
|---------|---|---------|-------------|
| | strategies related to vegetated islands and bank-attached | HR-ST-4 | A-5.2, B-2, |
| | bars | HR-ST-7 | B-3.3, C- |
| | | VI-LT-1 | 1.1, C-1.2 |
| | | | |
| VI-LT-3 | Develop recommendations for potential changes to | VI-I-2 | A-3, A-5.1, |
| | authorities regarding wetlands within the MRG | | A-5.2, B-2, |
| | | | B-3.3, C- |
| | | | 1.1, C-1.2 |

RGSM Management and Science

RGSM science and management has always been a focus of the Collaborative Program, and will continue to be a priority in the multi-year plan. With climate change creating more variability in the system and uncertainty in the future, the Collaborative Program's work will focus on tracking RGSM population trends under different climate scenarios, and evaluating and improving the efficacy of management actions into the future.

End Goal: Develop collaborative, multi-year adaptive management strategies for RGSM. *Program Goals Addressed:* A-G

| ID | Priority | Informed | Informs | Related | |
|-----------|---|----------|------------|-------------|--|
| | | Ву | Objectives | | |
| Immediat | re (2023): | | | | |
| SM-I-1 | Finalize the revisions to the RGSM conceptual ecological | | SM-ST- | A-1, A-2, | |
| | model to include the genetics and | | 1 | A-3, A-4, | |
| | propagation/augmentation programs, and undertake a | | SM-ST- | A-5.1, A- | |
| | peer review of the revised model | | 3 | 5.2, A-6.1, | |
| | | | | A-6.2 | |
| SM-I-2 | Provide guidance on recently published RGSM population | | SM-I-3 | A-1, A-2, | |
| | models, including data inputs, model assumptions, and | | SM-ST- | A-3, A-4, | |
| | appropriate application of each model | | 1 | A-5.1, A- | |
| | | | | 5.2, A-6.1, | |
| | | | | A-6.2 | |
| SM-I-3 | Develop a plan to update and refine the RGSM integrated | SM-I-2 | SM-ST- | A-1, A-2, | |
| | population model based on new data | | 1 | A-3, A-4, | |
| | | | | A-5.1, A- | |
| | | | | 5.2, A-6.1, | |
| | | | | A-6.2 | |
| SM-I-4 | Incorporate the following questions into the climate | | CS-I-1 | A-3, A-4, | |
| | scenario planning effort: | | | A-5.1, A- | |
| | How will RGSM habitat availability be affected by | | | 5.2, G-1 | |
| | climate change? | | | | |
| | How will forecasted shifts in the hydrograph impact | | | | |
| | RGSM population trends? | | | | |
| Short-Ter | m (2024-2026): | | • | | |
| SM-ST-1 | Use the RGSM population models to evaluate RGSM | SM-I-1 | SM-LT- | A-6.1, A- | |
| | management actions under different conditions projected | SM-I-2 | 1 | 6.2, A-2 | |
| | for climate scenarios, if feasible | SM-I-3 | SM-ST- | | |
| | | | 4 | S | |

| Consider DCCM mension with the development of the | | CNA CT | |
|---|--|--|--|
| - · · · | | SIVI-ST- | A-1, A-3, |
| ecosystem-level conceptual model for the MRG | | 4 | A-4, A-6.1, |
| | | | A-6.2 |
| Identify the sites in the MRG to target with habitat | VI-ST-2 | | A-5.2 |
| restoration for RGSM | SM-I-1 | | |
| Identify vital ecosystem functions related to RGSM life | SM-ST-1 | | A-3, A-4, |
| history and management strategies | SM-ST-2 | | A-5.1, A- |
| | VI-ST-3 | | 5.2 |
| Investigate the feasibility of a 10(j) population outside the | | SM-LT- | A-6.1, A- |
| current RGSM range | | 4 | 6.2 |
| n (2027 and beyond): | | | |
| Continue to evaluate RGSM management actions as | SM-ST-1 | | A-2, A-6.1, |
| future scenarios and models are updated | | | A-6.2 |
| Recommend adaptive management actions for RGSM, | VI-ST-3 | | A-2, A-6.1, |
| taking into consideration effects of climate change and | | | A-6.2 |
| maintenance of ecosystem functions important to RGSM | | | |
| survival and recovery | | | |
| Investigate the need for a new RGSM propagation facility | | | A-6.1, A- |
| | | | 6.2 |
| and construction | | | |
| Provide recommendations for implementing a potential | SM-ST-5 | | A-6.1, A- |
| 10(j) RGSM population, if determined to be feasible | | | 6.2 |
| | restoration for RGSM Identify vital ecosystem functions related to RGSM life history and management strategies Investigate the feasibility of a 10(j) population outside the current RGSM range n (2027 and beyond): Continue to evaluate RGSM management actions as future scenarios and models are updated Recommend adaptive management actions for RGSM, taking into consideration effects of climate change and maintenance of ecosystem functions important to RGSM survival and recovery Investigate the need for a new RGSM propagation facility and, if supported, provide recommendations for design and construction Provide recommendations for implementing a potential | ecosystem-level conceptual model for the MRGVI-ST-2Identify the sites in the MRG to target with habitat restoration for RGSMVI-ST-2Identify vital ecosystem functions related to RGSM life history and management strategiesSM-ST-1Investigate the feasibility of a 10(j) population outside the current RGSM rangeSM-ST-2Investigate the feasibility of a 10(j) population outside the current RGSM rangeSM-ST-1Continue to evaluate RGSM management actions as future scenarios and models are updatedSM-ST-1Recommend adaptive management actions for RGSM, taking into consideration effects of climate change and maintenance of ecosystem functions important to RGSM survival and recoveryVI-ST-3Investigate the need for a new RGSM propagation facility and, if supported, provide recommendations for design and constructionSM-ST-5 | ecosystem-level conceptual model for the MRG4Identify the sites in the MRG to target with habitat restoration for RGSMVI-ST-2 SM-I-1Identify vital ecosystem functions related to RGSM life history and management strategiesSM-ST-1 SM-ST-2 VI-ST-3Investigate the feasibility of a 10(j) population outside the current RGSM rangeSM-LT- 4 n (2027 and beyond): SM-ST-1 SM-ST-1Continue to evaluate RGSM management actions as future scenarios and models are updatedSM-ST-1 SM-ST-1Recommend adaptive management actions for RGSM, taking into consideration effects of climate change and maintenance of ecosystem functions important to RGSM survival and recoveryVI-ST-3Investigate the need for a new RGSM propagation facility and, if supported, provide recommendations for design and constructionSM-ST-5 |

Water Operations and Flexibility

Given that the Collaborative Program focuses on listed species that utilize the riparian zone, adjacent wetlands, floodplain and mainstem of the Rio Grande, water operations are integral to management of the species and their habitats. With changes in the hydrograph due to increasing variability and uncertainty in snowpack runoff and monsoon precipitation, water operations are already impacted by climate change. The Collaborative Program's focus will be to assess the effects of climate change on water operations and identify opportunities for flexibility.

End Goal: Plan for a water future that balances the needs of all users, including humans and listed species, and maintains ecosystem functions. [Addresses Program Goal G] **Program Goals Addressed:** A-G

| ID | Priority | Informed | Informs | Related | | | | | |
|-------------------------|---|------------------|--------------------|---------|--|--|--|--|--|
| | | Ву | Objecti | | | | | | |
| Immediate | (2023): | | | | | | | | |
| WO-I-1 | Using the responses from the survey of water managers on their roles in managing drying in Angostura Reach and additional signatory input, document the roles, responsibility, and available flexibility in water operations in the MRG | RD-I-1 | WO-ST-1 | G-1 | | | | | |
| WO-I-2 | Based on likely climate scenarios, project potential effects on water operations related to changes in the hydrograph | CS-I-1 CS-I-2 | | G-1 | | | | | |
| Short-Term (2024-2026): | | | - | | | | | | |
| WO-ST-1 | Identify opportunities for coordination and flexibility regarding water operations | WO-I-1 RD-I-1 | WO-ST-2 WO-ST-3 | G-1 | | | | | |

| WO-ST-2 | Identify flexibilities and multiple-use benefits of any | WO-ST-1 | | G-1 |
|-----------|--|---------|---------|-----|
| | changes to water operations | | | |
| WO-ST-3 | Identify research needs regarding conservation | WO-ST-1 | WO-LT-1 | G-1 |
| | improvement to water operations | | | |
| WO-ST-4 | Tie Collaborative Program planning efforts into external | | WO-ST-5 | G-1 |
| | planning efforts (e.g., 50-Year Water Plan, Rio Grande | | WO-LT-1 | |
| | Basin Study, ABCWUA's 100-Year Plan, NM Water | | | |
| | Resources Research Institute) | | | |
| WO-ST-5 | Stakeholder and public outreach and education on | CS-ST-3 | | |
| | conservation strategies and benefits of changes to water | CS-ST-4 | | |
| | operations | WO-ST-4 | | |
| Long-Term | (2027 and beyond): | | | |
| WO-LT-1 | Revise and update recommendations for changes to | WO-ST-3 | | G-1 |
| | water operations regarding conservation needs | WO-ST-4 | | |
| | | RD-ST-3 | | |
| | | RD-ST-4 | | |
| | | RD-ST-5 | | |

Strategic Planning for River Drying in the Middle Rio Grande

This focus first emerged in response to drying in the Angostura Reach, which occurred for the first time in nearly 40 years in 2022. Drying has been a regular and common occurrence south of Angostura and the Collaborative Program is working to develop a strategic plan for management of drying in the Angostura, Isleta, and San Acacia Reaches.

End Goal: Develop a multi-reach decision support tool to inform adaptive management related to drying in the MRG.

Program Goals Addressed: A-G

| ID | Priority | Informed By | | Related Objectives |
|------------|--|-------------------|--------------------|---------------------------------|
| Immediat | e (2023): | | | |
| RD-I-1 | Describe the decision environment for management of drying in the MRG using the ad hoc group's survey and summary report | | WO-I-1 WO-ST-1 | G-1 |
| RD-I-2 | Identify research questions related to drying in the MRG | | | Unsure |
| RD-I-3 | Develop public messaging strategies related to conservation actions and monitoring during river drying | | CS-ST-4 CS-LT-4 | |
| Short-Terr | m (2024-2026): | • | | |
| RD-ST-1 | Where appropriate, include and update river drying considerations in ecosystem-level and species-level conceptual models | CS-I-2 CS-ST-2 | RD-ST-5 | A-2, A-3, A-4, A-5.1, G-1 |
| RD-ST-2 | Create a decision tool to assess management alternatives regarding drying in the MRG | RD-ST-3 | RD-ST-5 | A-2, A-3, A-4, A-5.1, G-1 |
| RD-ST-3 | Document lessons learned regarding management response to drying, in years when the opportunity arises | | RD-ST-2 WO-LT-1 | A-2, A-3, A-4, A-5.1, G-1 |

| RD-ST-4 | Incorporate findings from studies of the use of outfalls | | WO-LT-1 | A-2, A-3, |
|-----------|--|---------|---------|-------------|
| | and irrigation infrastructure to affect the rate, duration | | | A-4, A-5.1, |
| | and extent of drying, into recommendations | | | G-1 |
| RD-ST-5 | Continue to refine the strategic plan for management | RD-ST-1 | RD-LT-1 | A-2, A-3, |
| | of drying | RD-ST-2 | WO-LT-1 | A-4, A-5.1, |
| | | | | G-1 |
| Long-Tern | n (2027 and beyond): | | | |
| RD-LT-1 | Continue to refine the strategic plan for management | RD-ST-5 | | A-2, A-3, |
| | of drying | | | A-4, A-5.1, |
| | | | | G-1 |

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Long-Term Plan for Science and Adaptive Management Project List [read-ahead, not included]

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Revised Funding Pathways Ad Hoc Group Charge [follow-up, draft]

Middle Rio Grande Endangered Species Collaborative Program (MRGESCP or Collaborative Program) Hybrid Ad Hoc Group Charge Funding Pathways Ad Hoc Group

Approved by the Science and Adaptive Management Committee on [date] Approved by the Executive Committee on [date] Approved by members of the Ad Hoc Group on [date]

SAMC Lead(s): Aubrey Harris FPC Lead(s):

Keywords: Administration, collaboration, project prioritization

Parent Committee(s)

Science and Adaptive Management Committee, Executive Committee

I. Ad Hoc Group Charge

In order to foster collaboration across signatories and to support resource development for the MRGESCP, this ad hoc group shall organize a process that links the FPC Funding Opportunities Matrix, the Long-Term and Multi-Year Plans, and EC leadership objectives in funding pathways. These pathways will generate templates and workflows to identify funding opportunities relevant to MRGESCP program objectives, modes to solicit proposals to achieve these objectives, and review processes to maintain a level of consistency across the Collaborative Program.

II. Membership

A. Criteria for membership

We would like representative members from the FPC, SAMC, and EC to participate. Ideally folks from different backgrounds (federal, other governmental, tribal, and nonprofit) to help ensure that the proposed process works with multiple stakeholder demographics.

B. Members

| Name | Organization | Role Within Group |
|---------------|--------------|-------------------|
| Aubrey Harris | USACE-ERDC | Lead |
| | | |
| | | |

III. Background and Implementation

The Collaborative Program has developed several resources that articulate scientific or physical barriers to improving ecological outcomes for species of interest (e.g., the Multi-Year Plan, the Long-Term Plan). Additionally, the Collaborative Program has identified resource opportunities that may drive down these uncertainties, as well as to support management activities regarding program objectives (e.g., the Funding Opportunities Matrix). However, the Collaborative Program is resource limited, and project prioritization and

fiscal support is necessary to pursue either applied or basic research regarding critical uncertainties or piloting changes in management.

Contrastingly, the Collaborative Program has strength in its diversity of individual signatory mission-goals, technical expertise, and organization types (e.g., tribal, federal/state government, nonprofit), that would position it to be very effective at pursuing a variety of competitive funding opportunities.

Therefore, the Ad Hoc Group will develop a process that synergizes the FPC, SAMC, and EC objectives to create opportunities and increase resources available for the Program mission.

IV. Objectives

1. Develop a process that incorporates Collaborative Program critical uncertainties, funding opportunities, and EC motivations.

V. Potential Resources

Existing resources are: the draft Multi-Year Plan, the Long-Term Plan, SAMC and FPC, Funding Opportunities Matrix.

VI. Tasks and Deliverables

| Objective | Task Deliverable (if applica | | | | | | | | |
|-----------|---|---|--|--|--|--|--|--|--|
| 1 | Develop funding pathways for FPC, SAMC, and EC, and solicit feedback from EC. | Presentation to EC | | | | | | | |
| 1 | B. Develop templates that guide participants through the funding pathways | Template funding pathways, proposals, rating rubrics, EC letter of support | | | | | | | |
| 1 | C. Pilot the funding pathways with advertisement of real funding opportunities. | Advertisement of a couple grants, and if applicable, proposal review and EC acceptance. | | | | | | | |

VII. Application of Deliverables

The deliverables would be applicable at different scales in the Collaborative Program:

- 1. On a regular basis (quarterly, or however the process finds appropriate), motivates committees to keep up to date on innovations to keep the Collaborative Program moving forward. These would be published in the MRGESCP newsletter.
 - a. Directs SAMC to identify the most pressing and important uncertainties for EC to prioritize.
 - b. Directs FPC to select compelling funding opportunities to bring to the Program's attention.
- 2. Provides resources if any signatory is interested in pursuing a funding source that values collaboration. These resources would be made available on the Program Portal.
 - a. Templates for funding pathways, to solicit pertinent information for project selection within those proposals, rubrics that allow for fair selection of proposals, and support letters to strengthen proposals.

b. Has mechanisms for facilitator to advertise these opportunities to the broader Program audience, perhaps collating resources and expertise that otherwise would not be realized.

| VIII. | Timeline and Reporting Schedule |
|-------|---------------------------------|
|-------|---------------------------------|

| Deliverable | Prerequisites | Start Date | End Date | Notes |
|-------------|---------------|------------|-----------------------------|--|
| 1A | None | Jan 2024 | EC Meeting (April 2024?) | Start date contingent on ad hoc group formation |
| 1B | 1A | April 2024 | Aug 2024 | |
| 1C | 1B | Aug 2024 | Dec 2024 | Duration of task depends on how frequently RFPs would be advertised, piloting the process. |

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Draft Portal Page - Funding Opportunities Matrix [follow-up]



MIDDLE RIO GRANDE ENDANGERED SPECIES COLLABORATIVE PROGRAM

Search:

Funding Opportunities Matrix

Last Updated: August 2023

Symbols: \star = Highly collaborative; O = Cost share; \odot = Cost share & highly collaborative

Application Period: ■ = Application period; ⊠ = Application is due; Q# = Quarter#

Funding Emphasis: Collaborative*, Climate Resilience/Adaptation, Disaster Recovery, Drought Resilience, Flood/Storm Risk Reduction, Habitat/Ecosystem Restoration, Innovation, Pollution Remediation, Soil Health, Water Conservation, Water Quality/Efficiency, Wildfire Risk Reduction

Eligible Recipients: Academic Institution, Business (for profit), Individual, Local Government, Non-profit, State, Territory, Tribal Government

Funding Amount: \$ = \$40,000-\$99,999; \$\$ = \$100,000-\$499,999; \$\$\$ = \$500,000-\$1,999,999; \$\$\$\$ = \$2,000,000+

Download an Excel file: Funding Opportunities Matrix

Filter Funding Emphasis

Climate Resilience/Adaptation Collaborative Disaster Recovery Drought Resilience

□ Flood/Storm Risk Reduction □ Habitat/Ecosystem Restoration □ Innovation

□ Pollution Remediation □ Soil Health □ Water Conservation □ Water Quality/Efficiency

- Filter Eligible Recipients

 Academic Institution
 Business (for profit)
 Individual
- □ Local Government □ Non-profit □ State □ Territory

Tribal Government

Wildfire Risk Reduction

| | | | | | | | | Application Period | | | | | | | | | | |
|---|----------------|--|---|---------------|--|-----------------|----|--------------------|----|----|----|----|----|----|----|----------|----|----|
| Funding 🎈 | | Funding 🗘 | Eligible | Performance 🗘 | Cost 🗳 | Funding | | Q1 | | | Q2 | | | Q3 | | <u> </u> | Q4 | |
| Opportunity Aquatic Ecosystem Restoration | Acronym AER | Emphasis Habitat/Ecosystem Restoration | Recipients Local Government, Non-profit, | Period *** | Share 100 percent federal cost share up to \$100,000 for | Amount SSSS | J∳ | F≑ | M≑ | A≑ | M≑ | J∳ | J∳ | A≑ | S∳ | 0∳ | N≑ | D≑ |
| (Section 206) () | | | State, Territory, Tribal Government | | feasability study. 50% federal cost share over \$100,000 for feasability study. 65 percent federal cost share for design and construction. 0% federal cost share for operation and maintenance. | | | | | | | | | | | | | |
| BRIC Sub-Program: Direct Technical Assistance | BRIC-DTA | Climate Resilience/Adaptation, Disaster Recovery | Local Government, Tribal Government | *** | None | *** | × | | | | | | | | | | | |
| Brownfields Assessment Grants | BAG | Habitat/Ecosystem Restoration, Pollution Remediation | State, Tribal Government | 4-5 years | Varies | \$\$\$-\$\$\$\$ | | | | | | | | | | | X | |
| Brownfields Cleanup Grants () | BCG | Habitat/Ecosystem Restoration, Pollution Remediation | Local Government, Non-profit, State, Territory, Tribal Government | Up to 4 years | 80 percent federal cost share | \$\$\$-\$\$\$\$ | | | | | | | | | | | | |
| <u>Brownfields</u> <u>Multipurpose</u> <u>Grants</u> () | BMG | Habitat/Ecosystem Restoration, Pollution Remediation | Local Government, Non-profit, State, Territory, Tribal Government | Up to 5 years | \$40,000 non-federal cost share waived for FY23 | \$\$\$ | | | | | | | | | | | X | |
| Brownfields Revolving Loan Fund Grants | BRLF | Habitat/Ecosystem Restoration, Pollution Remediation | Local Government, Non-profit, State, Territory, Tribal Government | Up to 5 years | 20 percent non-federal cost share waived for FY23 | \$\$\$ | | | | | | | | | | | X | |
| Building Resilient Infrastructure and Communities Program | BRIC | Climate Resilience/Adaptation, Habitat/Ecosystem Restoration, Innovation | Local Government, State, Territory, Tribal Government | 3 years | 75 percent federal cost share generally. 90 percent federal cost share for disadvantaged rural communities. | \$\$\$\$ | X | | | | | | | | | | | |
| Clean Water Act Nonpoint Source Grant (Section 319(h) Grants) () | 319 | Habitat/Ecosystem Restoration, Pollution Remediation, Water Quality/Efficiency | Academic Institution, Business (for profit), Individual, Local Government, Non-profit, State | *** | 60 percent federal cost share. | *** | | | | | | | | | | | | |
| <u>Clean Water State</u> <u>Revolving Fund</u> () | CWSRF | Habitat/Ecosystem Restoration, Innovation, Soil Health, Water Quality/Efficiency | Local Government, State, Tribal Government | *** | 20 percent state cost share match to federal. | *** | | | | | | | | | | | | |
| <u>Community</u> <u>Development Block</u> <u>Grant Program</u> | CDBG | Climate Resilience/Adaptation | Local Government, State | Annual | None | *** | | | | | | | | | | | | |

| | | | | | | | | - | | | - | - | | | | _ |
|--|----------|---|---|---------------|---|-----------|---|---|---|---|---|---|---|--|--|---|
| <u>Community</u> <u>Development Block</u> <u>Grant – Disaster</u> <u>Recovery Program</u> | CDBG-DR | Disaster Recovery | Business (for profit), Individual, Local Government, Non-profit, State | Annual | None | *** | | | | | | | | | | - |
| <u>Community</u> <u>Development Block</u> <u>Grant – Mitigation</u> <u>Program</u> | CDBG-MIT | Disaster Recovery | Local Government, State, Territory, Tribal Government | Annual | None | *** | • | | | | • | • | • | | | |
| Community Forestry Program () | CFG | Climate Resilience/Adaptation, Drought Resilience, Habitat/Ecosystem Restoration | Local Government, Non-profit, Territory, Tribal Government | Up to 5 years | 50 percent federal cost share | \$\$\$ | × | | | | | | | | | |
| Community Wildfire Defense Grant () | CWDG | Wildfire Risk Reduction | Academic Institution, Business (for profit), Non-profit, State, Territory, Tribal Government | *** | *** | *** | | | | | | | | | | |
| Conservation Innovation Grants | CIG | Innovation | Academic Institution, Business (for profit), Individual, Local Government, Non-profit, State, Territory, Tribal Government | Up to 3 years | 50 percent federal cost share. | \$ | | | | | × | | | | | |
| Drinking Water State Revolving Fund () | DWSRF | Drought Resilience, Water Quality/Efficiency | Local Government, State, Tribal Government | *** | 80 percent federal cost share | *** | | | | | | | | | | |
| Drinking Water System Infrastructure Resiliency and Sustainability Grant | DWSIRS | Climate Resilience/Adaptation, Water Quality/Efficiency | Local Government, State, Tribal Government | *** | 75 percent federal cost share generally. 90 percent federal cost share for disadvantaged rural communities. | *** | | | | | | | | | | |
| Emergency Conservation Program | ECP | Disaster Recovery, Water Quality/Efficiency | Individual | *** | Up to 75 percent federal cost share. Up to 90 percent federal cost share for limited resource areas. | \$\$ | • | | | | • | • | | | | |
| Emergency Forest Restoration Program () | EFRP | Disaster Recovery, Habitat/Ecosystem Restoration | Individual | *** | Up to 75 percent federal cost share. Up to 90 percent federal cost share for limited resource areas. | \$-\$\$\$ | • | | | | | • | • | | | |
| Emergency Watershed Protection Program | EWP | Disaster Recovery, Flood/Storm Risk Reduction | Local Government, State, Tribal Government | *** | 75 percent NRCS cost share. Up to 90 percent NRCS cost share for limited resource areas. | *** | | | X | | | | | | | |
| Environmental Infrastructure Program () | EI | Habitat/Ecosystem Restoration, Water Quality/Efficiency | Local Government, Non-profit, State, Territory, Tribal Government | *** | 75 percent federal cost share. | *** | | | | | | | | | | |
| Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program | EJCPS | Climate Resilience/Adaptation, Collaborative, Disaster Recovery, Pollution Remediation, Water Quality/Efficiency | Non-profit | 3 years | None | \$-\$\$ | | | | X | | | | | | |

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Draft Portal Page - Funding Opportunities Graphic [follow-up]



MIDDLE RIO GRANDE ENDANGERED SPECIES COLLABORATIVE PROGRAM

WTB ()

Funding Opportunities Graphic

6

Last Updated: August 2023

Place the cursor over an acronym to see the full name of the program. Click on an acronym to find out more information about the program.

Application Due Dates

Color: Yellow = Funding emphasis; Orange - Eligible Recipients

Symbols: ★ = Highly collaborative; O = Cost share; O = Cost share & highly collaborative

Search: Tribal Academic Local ٠ ۲ ٠ ٠ Individual Non-Profit State Institution Business Government Territory Government Emphasis **Climate Resilience /Adaptation** EJSG 🚖 EQIP EQIP BRIC O CEG O BRIC O BRIC O BRIC O GTA BRIC-DTA EJCPS 🚖 CDBG <u>CEG</u> O BRIC-DTA GTA NFWF 🗘 CDBG EJG2G 🚖 DWSIRS O EJG2G 🚖 CEG O CEG O EJSG 🚖 DWSIRS O WS-AS C GTA GTA DWSIRS () EQIP LSWRP O NEWE 🗘 EJG2G 🚖 EJG2G 🚖 NFWF 🗘 EJSG 🛨 GTA PASO <u>GTA</u> NEWE 🗘 PASO UCEP O EQIP LSWRP O **REPI**O **REPI**O <u>GTA</u> NEWE 🗘 UCEP O WS-AS O LSWRP O NEWE 🖸 REPIO WGE UCEP O WS-ASO PASO **REPI**O TCRG UCFPO WS-AS O Disaster Recovery ECWA CDBG-DR CDBG-DR BRIC-DTA CDBG-DR CDBG-DR CDBG-MIT BRIC-DTA HMGP O ECPO CDBG-DR <u>ECWA</u> CDBG-MIT EJG2G 🚖 CDBG-MIT EERP O CDBG-MIT EJCPS 🛨 **ECWA** HMGP () **ECWA** HMGP () EJG2G 🛨 EJG2G 🛨 **ECWA** EJG2G 🛨 PASO EJG2G 🛨 HMGP () EWPO STRLE O EWPO EWPO HMGP () HMGP O HMGP O PASO PASO STRLF O STRLE O STRLF O WS-DERA WS-DERA DWSRF () CEG O Drought Resilience WS-AS O HMGP () HMGP () CFG O CFG O CFG O DWSRF () HMGP O HMGP () HMGP O DWSRE O HMGP O UCEP O LSWRP O UCEP O HMGP () LSWRP O WGE WS-AS O WS-CWM 🖸 LSWRP O UCEP O WS-AS O WS-CWM 🖸 UCEP O WS-CWM WS-CWM 🖸 WS-DCP O WS-AS O WS-DCP () WS-CWM WS-DCP () WS-DERA WS-EWRP WS-DRP () WS-DRP () WS-DCP () WS-EWRP C WS-EWRP O WS-DERA WS-SSWEP O WS-SSWEP O WS-DRP O WS-WEE O WS-WEE O WS-EWRP O WS-WMS O WS-WMS O WS-SSWEP O WS-WEE O WS-WMS O Flood/Storm Risk Reduction WPD O EMA O FMA O EJG2G 🚖 EJG2G 🚖 EJG2G 🚖 EJG2G 🚖 EJG2G 🚖 HMGP () HMGP () EWPO **EMA**O EWPO EMA O EWPO RSP ★ EMAO HMGP O EMAO FPMS O **EMA**O PMREF O FPMS O FPMS O HMGP O FPMS O HMGP O REDC HMGP O PASO HMGP O PMREF C RSP ★ PMREF C PASO PASO REDC SFRM O PMREF () REDC PMREF () RSP 🛨 WPD () REDC SFRM () REDC SFRM () WS-CWM O RSP 🛨 WS-CWM 🖸 RSP 🛨 WFPQ O SERM O SERM O WFPQ O WPD O WPD O WS-CWM 🖸 WS-CWM 🔾 WPD O WTB () WTB () WS-CWM

Fiscal Planning Meeting February 21, 2024

See the following meeting material on the page below:

Draft Portal Page - Application Due Dates [follow-up]



MIDDLE RIO GRANDE ENDANGERED SPECIES Collaborative program

Application Due Dates

Place the cursor over an acronym to see the full name of the program. Click on an acronym to find out more information about the program.

Symbols: ★ = Highly collaborative; O = Cost share; © = Cost share & highly collaborative

| | | | | | Search: |
|---|--|---|--|--|---|
| First Quarter (Jan-Mar) | Second Quarter (Apr-Jun) | Third Quarter (Jul-Sep) | Fourth Quarter (Oct-Dec) | All Year 🔶 | Unknown |
| EBIC O BRIC::DTA CEG O EWP. O EMA O NCRER O RIDE SWG O NCEP O WPD O WS::CWM | CIG O EJCPS ★ EJS2G ★ EJIS2M NEWE O P2:EJC P2:EJC P2:EJC P2:EJC P2:EJC WS:ASP WS:ASP WS:ASP WS:DCP WS:DCP WS:EWBP O WS:SSWEP O | REPIO ICRG IIA WCPPO WS-WEEO WS-WMSO WIBO | BAGO BMGO BRLE LWCEO NAWCAO RCPPO | CDBG_DR CDBG_MIT CWSRE O DWSIRS O DWSRE O ECP O ECP O ECP O ECP O ECP O ECP O ECP O | 319 O AER O BCG O CWDG O EQIP QLDCC O PMIE O REDC SERM O WS-TINIE XVI O WS-WIIN O |

Showing 1 to 1 of 1 entries

Middle Rio Grande Endangered Species Collaborative Program

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