

THE GREAT NORTHERN
Landscape Conservation Cooperative
Strategic Science Support Program

FY2013 Funding Guidance

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Overview

Federal Agency Name: US Fish and Wildlife Service in support of the Great Northern Landscape Conservation Cooperative (Great Northern LCC).

Funding Opportunity Title: US FWS Great Northern LCC FY13 Funding Guidance

Catalog of Federal Domestic Assistance (CFDA) Number: US Fish and Wildlife Service, Fish and Wildlife Coordination and Assistance Programs No.15.664

Dates: The deadline for submissions is February 22, 2013 by COB at 5pm MST. If you do not have the capability to submit electronically through the on-line submission form (see Section IV-Submission), please contact GNLCC Coordinator, Yvette Converse (Yvette_Converse@fws.gov) for information on how you may apply under this announcement.

Funding Opportunity Description: A total estimated amount of up to \$1,000,000 for 5-15 science, data, and information-oriented projects that support priorities (see below) of the Great Northern LCC may be awarded. Projects must either:

(a) be necessary continued work from previous awards no longer than 3 years, and/or

(b) address one of the four Conservation Goals identified in the GNLCC Strategic Conservation Framework

(http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_strategic_framework_august_2012.pdf, pages 8-10).

GNLCC may opt to solicit proposals directly from a specific agency or organization with proprietary or jurisdictional rights or a Request for Proposals for a specific type of work may be released with this announcement. Unsolicited proposals may be submitted but will be reviewed through the criteria included in this guidance.

How to submit: See Section IV for information on how to apply.

I. Funding Opportunity Description

Under this FY13 Great Northern LCC Funding Guidance, the US Fish and Wildlife Service Mountain-Prairie Region (FWS R6) is requesting project proposals for landscape related science and information that address one of the following Science Needs described below.

In support of the Great Northern LCC and consistent with Secretarial Order 3289 and other LCC guidance, awards issued pursuant to this announcement will be expected to result in various products or outcomes. Details describing data and deliverable product expectations can be found GNLCC Information Management, Delivery, and Sharing Standards

(http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_datamgt_sharing_policy_fy13_11-26-12.pdf).

FWS R6 reserves the right to make no awards under this announcement. Funding amounts among these needs are not explicit; final amount awarded within each theme is at discretion of the GNLCC Steering Committee and FWS R6.

Applicants are required to categorize each of their submissions into one of the ecotypic areas and conservation goals described in the Strategic Conservation Framework, and summarized below (proposals may encompass >1 ecotypic area and goal). Submissions will be evaluated with other proposals under similar ecotypes/goals using the general criteria and relevance criteria.

Section V. (page 6) of this guidance identifies general and relevance criteria applicable to all submissions within the context of the GNLCC Strategic Conservation Framework as it is summarized here:

GNLCC seeks specifically identified data and information needs and resource vulnerability assessments that contribute **to collective understanding of the effects of priority landscape stressors (invasive species, land use change including energy development, and climate change) on priority conservation targets including ecosystems, ecosystem processes, and species** (see below). Specifically, information obtained through this funding guidance should help GNLCC achieve our **four** stated conservation goals:

1. Maintain large, intact landscapes of naturally functioning terrestrial and aquatic community assemblages.
2. Conserve a permeable landscape with connectivity across aquatic and terrestrial ecosystems, including species movement, migration, dispersal, life history, and biophysical processes.
3. Maintain hydrologic regimes that support native or desirable aquatic plant and animal communities in still and moving water systems.
4. Promote landscape-scale disturbance regimes that operate within a future range of variability and sustain ecological integrity.

Ecotypic Areas: The Strategic Conservation Framework identifies three ecotypic areas that cover large expanses within GNLCC, have similar ecological systems with relatively consistent species compositions and configurations, and are facing common conservation issues. The *Columbia Basin*, *Rocky Mountain*, and *Sagebrush Steppe* were identified and

prioritized in the Framework to connect local landscape partnerships working on similar conservation issues and broaden their positive affects to larger landscape scales. Proposal must identify which of these areas their science will affect. See Framework (http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_strategic_framework_august_2012.pdf) page 10 for details on these areas.

Conservation Targets: The Framework identifies explicit conservation targets for each ecotypic area based on a synthesis of 60 conservation planning documents. Targets are classed into ecosystems, ecosystem processes, and species (details in Framework starting on page 10). In context, outcomes of funded projects should help answer: **‘How do priority landscape stressors – invasive species, land use change, and/or climate change – affect these conservation targets and how can we manage to mitigate their effects?’** Proposals must specifically incorporate one or more of the following targets to pass the general criteria screen. These targets need to demonstrate how they help achieve the four GNLCC landscape goals and advance the GNLCC Strategic Conservation Framework (link above).

GNLCC Conservation Targets, summary		
Columbia Basin		
Ecosystem	Ecosystem Process	Species
Riverine	Aquatic connectivity	Salmon
Riparian Areas		Steelhead trout
Wetlands		Bull trout
Watershed Uplands		Mule deer
Rocky Mountain		
Ecosystem	Ecosystem Process	Species
Alpine	Connectivity	Grizzly bear
Sub-alpine	Natural Fire Regimes	Wolverine
Woodland	Insects and Forest Pathogens	Canada lynx
Grasslands		Whitebark pine
Alpine Lakes		Trumpeter Swan
Rivers and Riparian Areas		Cutthroat trout
		Bull trout
Sagebrush-Steppe		
Ecosystem	Ecosystem Process	Species
Sage shrub/grassland	Connectivity	Greater sage-grouse
Riparian areas	Natural fire regimes	Pygmy rabbit
Pothole lakes		Burrowing owl

		Pronghorn
		Mule deer
		Cutthroat trout

The GNLCC Strategic Framework continues to be refined and the above information may be updated. Therefore these specific priorities should be considered to reflect FY13 needs and may change in the future.

II. Award Information

A total estimated amount of up to \$1,000,000 for 5 to 15 projects may be awarded under this announcement for delivering expressed science needs and supporting landscape conservation delivery within the GNLCC.

Anticipated Start and End Dates and Project Duration. Most projects selected for funding will begin in summer or fall 2013. GNLCC will consider multi-year projects up to 3 years total. GNLCC will make an effort to allocate 30% of funding for multi-year projects; however GNLCC cannot guarantee out-year (years 2 and 3) funds. If a multi-year project is funded in year 1, out-year proposals must be submitted for review and approval each subsequent year. GNLCC can only commit to fund projects annually. In addition, GNLCC will make an effort to allocate 30% of funding for new-start projects each year.

Applicants should also consider the GNLCC project tracking, deliverables and timelines during proposal development. Details describing product expectations can be found in GNLCC Information Management, Delivery, and Sharing Standards (http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_datamgt_sharing_policy_fy13_11-26-12.pdf). GNLCC expects to be acknowledged as a funding partner in all products, tools and deliverables as well as websites, publications and tools where the project/products is described and/or made available. The GNLCC logo will be available if needed for acknowledgements.

Partial Funding. US FWS R6 reserves the right to offer partial funding to submissions by funding discrete activities, portions, or phases of the proposed project. If US FWS R6 decides to partially fund the proposed project, it will do so in a manner that does not prejudice any applicant or affect the basis upon which the proposed project, or portion thereof, was evaluated and selected, and that maintains the integrity of the competition and the selection/evaluation process.

III. Eligibility and Matching

Applicant Eligibility. Federal, State, Tribal, Canadian, and other public or nonprofit private agencies, institutions, and organizations are eligible; "for-profit" organizations are not, however, consultants may be subcontracted for specialized work. U.S. federal agencies are public agencies or institutions; they are eligible to submit.

Eligible Activities. Assistance is available for science and information projects informing or directly affecting landscape conservation delivery in the Great Northern area but funding may support data collection and analyses for areas outside the Great Northern geography, provided it informs stated information needs expressed in the GNLCC Strategic Conservation Framework.

To be eligible for funding consideration, projects must either have been awarded funding in FY10-FY12 or address one of the identified FY13 science needs (see Section I, page 3 for descriptions)

Note that each project may be for an unlimited total amount but the grant requested must be tied to products developed covering a period of one year or less during the project schedule and amount of funding obligated. Project submissions having a longer budget period may be rejected for consideration unless acceptable justification is provided showing how leveraged funds from other sources can support the project into succeeding years.

The Catalog of Federal Domestic Assistance identifies this assistance as: US Fish and Wildlife Service, Fish and Wildlife Coordination and Assistance Programs No.15.664.

Ineligible Activities. Under this announcement, US FWS R6 will not fund: "construction grant" projects; land acquisition; or projects whose principal purpose is general operating support.

Match. A match is not required, but cost-leveraging is one of the weighted criteria in Section V which will be considered by reviewers during evaluations.

IV. Application and Submission

1. Read and follow instructions. Proposals that are too long or do not follow the template may be disqualified for consideration.
2. Develop and edit your project submission in light of the criteria (general and relevance). Please indicate if your project was funded by GNLCC in FY10-FY12.
3. Read and understand the requirements described in Great Northern Landscape Conservation Cooperative Information Management, Delivery, and Sharing Standards and be prepared to meet those requirements and timelines.
4. Complete and submit your proposal to contacts by deadline.

Examples from Previous Years. You may look at submissions of successful projects from previous years at: <http://greatnorthernlcc.org/supported-science-projects>.

Note, however, that this funding guidance is new for FY13 and substantially different compared to previous years; therefore all aspects of these requirements may not have been addressed in prior submissions.

Format. Please deliver your proposals in MS WORD or Portable Document Format (PDF). Please use the project template below (Section VIII, page 15) and complete the template with the appropriate information requested. Your proposal should be about 5 pages long. Proposals that are too long may be disqualified for consideration.

Please write up a detailed budget as a separate file (also MS WORD or PDF, See Section IX, Page 17).

Submission. Electronic submissions are preferable. To submit your proposal and budget, go to the following link, follow instructions, and complete information requested:
<http://greatnorthernlcc.org/content/fy13-proposal-submission-form>.

If you do not have the capability to submit electronically, please contact Yvette Converse (406-600-5142 / Yvette_Converse@fws.gov).

Deadline. Submissions are due by February 22, 2013 by 5pm MST. GNLCC Coordinator will determine timeliness by reviewing the date and time of electronic submission. Absent compelling circumstances which justify the acceptance of a late submission and that do not affect the integrity of the competition, late submissions will not be reviewed or considered.

Funding Restrictions: See Eligibility - Ineligible Activities (above).

Confidentiality. Applicants may claim all or a portion of their proposal submission as confidential business information. Applicants must clearly mark submissions or portions thereof which they claim as confidential. If no claim of confidentiality is made, US FWS R6 is not responsible to maintain confidentiality. Note that data produced under a Federal award is subject to the Freedom of Information Act.

Multiple Project Submissions. If your organization submits more than one project you must identify an overall contact (including phone, email, and address) and send a single, coordinated submittal. Prioritization information can be sent directly to mailto:Yvette_Converse@fws.gov.

V. Application Review

Criteria. Proposals will initially be screened based on the General Criteria specified below. Those proposals which pass initial screening will be ranked based on the Relevance Criteria (below) as they apply to the focal science need(s) addressed by each proposal. Criteria are weighted as noted.

General Criteria: These criteria are used for screening purposes to evaluate whether proposals reflect a minimum standard as determined by the Advisory Team (see GNLCC Governance Structure:

http://greatnorthernlcc.org/sites/default/files/documents/august_2012_gnlcc_charter_final.pdf) or a subset of the Advisory Team, the GNLCC Ad-Hoc Selection Committee.

The **General Criteria** are:

A. Rationale/Relevance/Bias for Action: Potential, whether direct or indirect, to effect conservation delivery within the Great Northern area or to effect policymakers in a value-adding way or to result in practical activities which promise measurable outcomes to effect conservation delivery.

B. Scientific/Professional Merit: Soundness of technical approach, including design, objectives, and scientific viability of the project. Compliance with and adherence to the GNLCC Information Management, Delivery, and Sharing Standards (http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_datamgt_sharing_policy_fy13_11-26-12.pdf).

C. Value Added: Demonstration of techniques or approaches which build upon prior efforts in value-adding ways, rather than duplicating prior efforts. *Emphasis will be placed on funding projects already supported or underway through FY10-FY12 GNLCC funding.* However, having received a previous award does not result in automatic selection in FY13. These criteria must still be met and proposal ranked.

D. Programmatic Capability: The technical capability of the applicant to successfully carry out a project taking into account such factors as the applicant's (1) past performance in successfully completing projects similar in size, scope, and relevance to the proposed project, (2) history of meeting reporting requirements on prior or current assistance agreements and submitting acceptable final technical reports and applicable closeout documentation, (3) organizational experience and plan for timely and successfully achieving the objectives of the project, and (4) staff expertise/ qualifications, staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the project.

When evaluating programmatic capability the review team may consider information from other sources in addition to information provided by the applicant in its submission. If an applicant does not have any past performance and/or reporting history (items "1" and "2" above) it will receive a neutral (not included) evaluation for those elements of programmatic capability.

E. Partnerships: Sponsorship by existing landscape partnerships operating within the Great Northern area particularly where a project has been identified as a high priority need by the partnership.

F. Geographic Scope: Appropriateness of the project scope and its location with an emphasis area in the Great Northern geography, especially cross-jurisdictional, trans-boundary or pilots that have potential to affect the former.

G. Education/Outreach: Effectiveness of education/outreach and plans to disseminate project results.

H. Measuring Progress: Effectiveness and sufficiency of the applicant's plan for tracking and measuring its progress toward achieving environmental outputs and outcomes.

I. Appropriate Budget: Reasonableness and appropriateness of the proposed budget for the level of work proposed and with the expected benefits to be achieved.

J. Leveraging: Extent the applicant demonstrates (1) how they will leverage funding with other Federal and/or non Federal sources of funds to carry out the proposed project(s) and/or (2) that funding will complement activities relevant to the proposed project(s) carried out by the applicant with other funds or resources. Applicants may use their own funds, in-kind or other resources for a voluntary match or cost share. Only eligible and allowable costs may be used for matches or cost shares.

K. Amplification: Potential to impact the entire GNLCC, facilitate partner engagement, and/or benefit to neighboring LCCs.

K. GNLCC Goal: Extent to which project is aligned with GNLCC Goal.
GOAL: Coordinate, facilitate, promote, and add value to large landscape conservation to build resource resilience in the face of climate change and other landscape-level stressors through the following (as defined below):

- Support Science Development
- Effect Coordination
- Inform conservation action
- Monitor and Evaluate
- Communicate and Educate

Support Science Development

Identify and facilitate the development, integration, and application of social and natural scientific information needed to inform water, land, fish, wildlife, and cultural heritage management decisions.

Effect Coordination

Support coordination and integration of conservation science and actions across ecosystems at the landscape scale, leveraging the capabilities of respective agencies/organizations/ partnerships, and provide real-time situational awareness of on-going conservation efforts.

Inform Conservation Action

Promote conservation actions at the unit and ecosystem level by providing scientific information and decision support tools and by informing conservation action that support resource resilience.

Monitor and Evaluate

Monitor landscape scale indicators, test scientific assumptions, and evaluate effectiveness of conservation actions to inform adaptive management decision-making.

Communicate and Educate

Communicate relevant science information and GNLCC activities and opportunities to partners and users. Advocate for collaborative conservation and seek to leverage capabilities and support.

Relevance Criteria: These criteria are used to quantitatively rank those proposals which meet the General Criteria. A GNLCC Ad-Hoc Selection Committee, a subset of the GNLCC Advisory Team, with balanced representation (i.e., fed/state, science/management) will review and score proposals in consultation with objective subject matter experts where appropriate.

The **Relevance Criteria** include:

1. **Relevance to landscape drivers (e.g. climate, land use change, invasive species) (15%)**

Criteria. Does the project proposal:

- i) Adequately frame the project actions relative to improving our understanding of how species, habitats, and/or landscapes may respond to altered landscape conditions?
- ii) Articulate that project products will provide management/conservation information relative to altered conditions?

2. **Relevance of the project to focal resources, ecosystem processes, species and/or habitats identified in the GNLCC Strategic Conservation Framework (25%)**

Criteria. Does the project proposal:

- i) Address or articulate resource, ecosystem processes, habitat or species relationships?
- ii) Articulate relationships with larger (i.e., continental, regional) conservation plans/goals/priorities?
- iii) Provide quantifiable measures of project performance on resources, ecosystem processes, habitats or species (i.e., population) that relate to landscape scale issues?

3. **Relevance to on-the-ground conservation delivery (20%)**

Criteria. Does the project proposal:

- i) Allow for more effective conservation delivery? How?
- ii) Provide information to address conservation actions? How?
- iii) Inform or prioritize conservation delivery actions or locales in the near future?
- iv) Provide information applicable to decision-making for a priority resource, resource condition, habitat, or species in a large portion of the LCC?

4. **Geographic scope of project (10%)**

Criteria. Does the project proposal:

- i) Include interjurisdictional or transboundary focal landscapes/habitats identified in continental or regional conservation plans or by partner groups/agencies?
- ii) Share geographic boundaries with other LCCs or other administrative conservation boundaries (e.g., Joint Ventures, States)? If so, have potential logistical and administrative constraints been addressed?

5. **Partner engagement (20%)**

Criteria. Does the project proposal:

- i) Articulate project benefits for all partners and other programs that share trust resources, jurisdiction and geographic boundaries?
- ii) Engage, leverage or catalyze a broad existing partnership that may include federal, state, Tribal, local, NGO, and private or corporate support (support = in-kind and/or monetary)
- iii) Engage “new” partners?

6. **Ability to show success in FY2013-14 (10%)**

Criteria: Does the project proposal:

- i) Ensure success in FY13-14 through a clearly articulated outcome and high confidence in completion and application to conservation goals?

Review and Selection Process. Selection recommendations will be based on an evaluation of projects against the General Criteria and the Relevance Criteria. Applicants that submit more than one project must provide a prioritization of its projects within the single submission (see Section IV, Multiple Project Submissions).

Project proposals will be evaluated through the following review process:

1. GNLCC Staff will screen submissions upon receipt for eligibility, conformance to the announcement provisions, and to ensure proposed projects are aligned with the appropriate FY13 Science Needs. As mentioned above, if the project is not aligned with the appropriate need and the applicant approves, the project may be evaluated under a different need or rejected.
2. After an overview of all projects, at least three (and no more than seven) reviewers (the GNLCC Ad-Hoc Selection Committee) from the GNLCC Advisory Team will independently evaluate each project against both the general and relevance criteria. Any reviewer associated with a proposal will not be permitted to rank that proposal.
3. The reviewers' evaluation results will be made available to the GNLCC Steering Committee.
4. The GNLCC Coordinator or delegate will prepare a spreadsheet compiling the results of the individual evaluations.

5. The Selection Committee will develop a recommended list of projects for funding to present to the GNLCC Steering Committee. The list will include Selection Committee ranking and Advisory Team funding recommendation up to amount available.
6. Before making the final recommendations, in addition to evaluating proposed projects against the general and relevance criteria, the Selection Committee may also consider the geographic distribution of projects and funds, selecting technically sound projects across the GNLCC area at both a geographic and institutional level to achieve a reasonable balance of funding by GNLCC, applicant type, and the project location or impact.
7. After the GNLCC Steering Committee approves projects for funding consideration, and US FWS R6 agrees to fund, all applicants will be notified of the projects that have been selected.
8. Applicants for the projects that have been selected will be asked to submit final proposals (if any changes requested) along with the SF-424 and attendant documentation for Federal assistance (Application Packages).
9. Final decisions will be based upon the completed final proposals and application packages.
10. Applicants will be asked to submit a project Data Management Plan in accordance with the GNLCC Information Management, Delivery, and Sharing Standards (http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_datamgt_sharing_policy_fy13_11-26-12.pdf) before funds are disbursed.

Schedule.

Conference Call(s) for Public Questions*	February 6, 2013 (Weds) 10am MT February 11, 2013 (Mon) 2pm MT
Deadline for Submissions	February 22, 2013 (Fri) 5p MT
Reviews	March- April
Applicants Notified	May 5 (pending SC approval and Federal budget)
Application Packages due	June 1 (pending above date met)
Final Awards in place	June 30 to August 31

* GNLCC will host 2 public conference calls during which applicants can ask any questions about the Funding Guidance. Info as follows:

Dates: Feb 6, 2013 (Weds) 10am MT
Feb 11, 2013 (Mon) 2pm MT

Call Leader:	GNLCC Coordinators
US/Canada Dial-In Number:	866-795-8047
Conference Code:	6972717#

VI. Proposal and Award Administration

Proposal Solicitation: Based on the GNLCC Governance Charter (http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_charter_nov2011_revisions.doc), science products and information needs can be developed and acquired by either of the following means:

1. *Support for Existing Partnership Products and Information* – If a partnership is supporting the identified project, this process can be used. This process will allow the GNLCC to support and network the work of existing landscape partnerships. This consists of querying existing partnerships for specific projects that meet criteria the GNLCC identified in the Strategic Conservation Framework (http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_strategic_framework_august_2012.pdf). This process may be more desirable in the early years of the GNLCC as a means to leverage existing efforts.

2. *Request for Proposal (RFP)* – If the identified project is not currently supported by existing partnerships, the RFP process can be used to procure competitive and effective proposals for a specific science product or information need. The GNLCC may choose to put more emphasis on an RFP process. The RFP process must include:

- a. Development of an RFP with a clearly stated science product or information need from the Annual Workplan (*or draft Strategic Conservation Framework as Science needs identified herein*)
- b. Widespread circulation of the RFP within and outside the GNLCC
- c. Peer-review of all proposals that are received (using review template and process)
- d. Selection Committee will be established at time of RFP development.

Deliverables

The following process ensures that funded projects are completed, deliverables produced, and findings are timely, responsive and applicable to the original needs identified. Results will also be used to revise and update the Strategic Conservation Framework. This ensures an accountable, iterative mechanism for funding and will ensure use and application of science products and information gained towards the collective GNLCC understanding of landscape conservation as we work together to achieve resource resilience through GNLCC partners respective of joint adaptation strategies.

Project Coordinators and Principal Investigators will be expected to comply with the requirements outlined GNLCC Information Management, Delivery, and Sharing Standards

(http://greatnorthernlcc.org/sites/default/files/documents/gnlcc_datamgt_sharing_policy_fy13_11-26-12.pdf) including completion of a Data Management Plan which must be approved by the Coordinator and Science Coordinator before any funds are provided to the Principal Investigator. The GNLCC Science Coordinator is available to assist with Data Management Plan development.

The completed Data Management Plan includes simple, concise guidance on product documentation and delivery and should be referred to regularly at each key stage of a

project's lifecycle.

In addition, all GNLCC-endorsed projects are expected to include interim reports on a schedule determined during contracting and a final report submitted within 6 months of project completion (unless otherwise arranged). This report should include:

- Executive Summary
- Project explanation or Study Design
- Methods or Application
- Recommendations for use, application or next steps

Notification: We will confirm proposal receipt within: (i) one week for electronic submissions or (ii) two weeks for regular mail.

Contact Yvette_Converse@fws.gov if you do not receive a confirmation or if your project is not posted. GNLCC Coordinator will contact all Applicants to tell them whether or not they will be asked to submit Application Packages.

VII. Agency Contacts

General Contact:

Yvette Converse, GNLCC Coordinator

Yvette_Converse@fws.gov

406-994-7486

Tom Olliff, GNLCC Coordinator

Tom_Olliff@nps.gov

406-994-7920

VIII. Project Template

GREAT NORTHERN LCC PROJECT TEMPLATE (Please limit to 5 pages)

Project Title:

Project Coordinator (contact information):

Project PI(s) (who is doing the work; contact information):

Partners (name, affiliation, location):

Project Summary (3 sentence target):

Need:

While it may be useful to include a brief amount of background information in this section, be sure to clearly address the following:

- What is the need within the Great Northern landscape?
- What landscape-level issue is this work related to and how (e.g. climate, habitat fragmentation)
- Why is it important?
- What science products will be provided, problem addressed, or what information or other needs will your project provide?
- What is the science product or direct management application?
- What is the geographic scope?
- Is the need identified in other conservation, management, or other plans?

Objective: What will you accomplish? Define how this project will contribute to provision of one or more of the following elements to support LCC objectives and functions:

- Decision support tools/systems or science applications for focused resource conservation
- Tracking or evaluation of resource management efforts
- Testing assumptions of model projections
- Inventory of resource conditions or trends

Methods: How will the objectives be attained? What work activities or tasks will be done? Include specific procedures, methodologies, or protocols. Will there be any key cooperators, and what will their role be (identify any in-kind support provided)?

Deliverables: List the final product(s), including the final report, which will result from this project and delivery date(s).

Statement of compliance: A statement indicating the Project coordinator and Principal Investigator have read Great Northern Landscape Conservation Cooperative Information Management, Delivery, and Sharing Standards and agree to comply with those standards if the proposal is selected.

Schedule: Provide a time line with dates and tasks. Include key project work items and dates for events such as start-up, interim milestones, presentations, deliverables, submittal of final report, and project completion. Identify if project is multiple year and projected outyear schedule.

Budget (please include in a separate file from the body of the proposal): Provide a detailed breakdown of costs (Salaries, contracts, travel, publication costs, equipment, services, etc). Describe in-kind or matching funds for the project if applicable. Describe out-year estimated budget if multi-year project.

IX. Budget Template

Project Title:

Project Coordinator & PI:

Budget Narrative: Explain any necessary detail of the fund request, matching or in-kind.

	GNLCC	Matching	In-Kind	Comments
Personnel				
Salary 1 (rate)	\$	\$	\$	
Salary 2 (rate)				
Salary 3 (rate)				
Total for Salaries				
Supplies/Equipment				
Equipment A				
Equipment B				
Total Supplies/Equipment	\$	\$	\$	
Travel				
Meeting				
Training				
Total Travel	\$	\$	\$	
Agreements/Contracts				
Agreement 1				
Contract 1				
Agreements/Contracts Total	\$	\$	\$	

Data Collection				
Vehicle Costs				
Technician Travel (i.e., lodging, per diem)				
Data Collection Total	\$	\$	\$	
Data Analysis, Management and Reporting				
Technical Support				
Metadata, Data Management, Tech Transfer				
Printing, publications				
Data Analysis, Management and Reporting Total	\$	\$	\$	
Subtotal before Overhead:	\$	\$	\$	
Administrative				
Overhead				
Total Cost	\$	\$	\$	