



## Steering Committee Meeting #7

May 1-2, 2013 \* Best Western Icicle Inn \* Leavenworth, WA

### Meeting Goals/Desired Outcomes

- (1) **SC Decision Request.**—Finalize GNLCC-supported project funding selections for 2013.
- (2) **SC Guidance Request.**—Review and feedback on outline for GNLCC Science Plan.
- (3) **SC Guidance Request.**—Recommend GNLCC priorities for InterLCC Sage Grouse RFP.
- (4) Updates on national and regional programs of significance to the GNLCC.
- (5) Update on GNLCC Forums.

### Agenda

Speaker titles and affiliations are provided following the agenda

\* = remote presentation

<b>Wednesday, May 1<sup>st</sup></b>		
11:00 AM	<b>Registration</b>	Coffee/tea available; lunch on your own
12 noon	<b>GNLCC meeting leads</b>	<b>Call to order—Welcome from the GNLCC</b> <ul style="list-style-type: none"> <li>• (Scott) Self-introductions, all present</li> <li>• (Scott) Agenda overview</li> </ul>
12:25 PM	<b>Dennis Beich</b>	<b>Welcome, opening thoughts from the State of Washington</b>
12:40	<b>(1) Steve Waste</b> <b>(2) Bill Gaines</b>	<b>An Ecological overview (25 min each, including questions)</b> <b>(1) Columbia Basin</b> <b>(2) Cascades</b>
1:30	<b>Yvette Converse</b> <b>Sean Finn</b> <b>Tom Olliff</b>	<b>GNLCC Steering Committee Business</b> <ul style="list-style-type: none"> <li>• <b>SC Decision:</b> Funding of 2013 GNLCC-supported projects</li> </ul>
2:30	<b>Break</b>	Coffee/tea available (get field trip count)
2:50	<b>Yvette Converse</b> <b>Tom Olliff</b>	<b>GNLCC Steering Committee Business (continued)</b> <ul style="list-style-type: none"> <li>• GNLCC-related personnel/structure changes, additions</li> <li>• Updates on national LCC charter, council, and funding</li> <li>• Next meeting: date and location?</li> </ul>

3:15	Steve Torbit/GNLCC staff	Inter-LCC Sage Grouse RFP—A discussion of GNLCC priorities
3:50	Mark Shaffer	National Fish, Wildlife, and Plant Adaptation Strategy
4:30	<i>Adjourn</i>	
4:40	Dave Irving, USFWS	Field Trip to Leavenworth USFWS hatchery (meet out front)
6:30	<i>Return to Icicle Inn</i>	<i>Dinner, evening on your own</i>

Speaker titles and affiliations are provided following the agenda

<b>Thursday, May 2<sup>nd</sup></b>		
7:30	<b>Room open</b>	<i>Breakfast on your own. Coffee/tea in the meeting room.</i>
8:00	<b>Scott Bischke</b>	<b>Welcome Back—Call to Order</b> <ul style="list-style-type: none"> <li>• Introduction of any new attendees</li> <li>• Agenda overview for the day</li> </ul>
8:15	<b>Tom Olliff</b> <b>Yvette Converse</b>	<b>Updates on programs introduced at last SC meeting</b> <ul style="list-style-type: none"> <li>• Land and Water Conservation Fund</li> <li>• Western Governors' Association</li> <li>• USFWS Surrogate Species Program</li> </ul>
8:30	<b>(1) Peter Singleton</b> <b>(2) Tom Miewald</b> <b>(3) Ray Rasker*</b>	<b>GNLCC-supported science</b> (15 min each, including ?s) <ul style="list-style-type: none"> <li>(1) Washington-BC Habitat Connectivity</li> <li>(2) National Wildlife Refuge strategic approach to landscape design</li> <li>(3) Atlas of the GNLCC</li> </ul>
9:15	<b>(1) John Mankowski*</b> <b>(2) Gustavo Bisbal*</b> <b>(3) Jeff Morissette*</b>	<b>Integrating LCCs and Climate Science Centers: updates and discussion</b> (5 min each presentation; 30 min joint discussion after) <ul style="list-style-type: none"> <li>(1) North Pacific LCC</li> <li>(2) Northwest Climate Science Center</li> <li>(3) North Central Climate Science Center</li> </ul>
10:00	<b>Break</b>	<i>Coffee/tea available</i>
10:20	<b>Sean Finn</b>	<b>Progress toward a GNLCC 5-year Science Plan</b> Report on the April 29-30, 2013 meeting at the Icicle Inn
11:15	<b>(1) Jennifer Bayer*</b> <b>(2) Tim Nieman/Karen Jenni*</b> <b>(3) Kevin Martin</b>	<b>GNLCC Partners and Partnerships</b> (15 min each, including ?s) <ul style="list-style-type: none"> <li>(1) Pacific NW Aquatic Monitoring Partnership</li> <li>(2) DSS for climate and water in the Yakima and Methow rivers</li> <li>(3) USFS R6 landscape-scale activities/programs in the GNLCC</li> </ul>
12:00	<b>Lunch</b>	<i>On your own</i>
1:20	<b>Forum Team Leads or representatives</b>	<b>Update on Partner Forums Team Leads</b> (15 min each, including ?s) <ul style="list-style-type: none"> <li>• Cascadia</li> <li>• Sage Steppe</li> <li>• Columbia Basin</li> <li>• Rocky Mountain</li> </ul>
2:20	<b>Group</b>	<b>Wrap-Up</b> <ul style="list-style-type: none"> <li>• Feedback from Steering Committee</li> <li>• Next steps / action items</li> <li>• Closing remarks</li> </ul>
2:30	<b>Adjourn (travel safely!)</b>	

Meeting facilitator: Scott Bischke

**EXPECTED MEETING ATTENDEES AS OF 26 APR 2013**

First name	Last name	Organization	Title	Contact
Jen	Bayer	US Geological Survey	PNAMP	<a href="mailto:jbayer@usgs.gov">jbayer@usgs.gov</a>
Dennis	Beich	Washington Department of Fish & Wildlife	Regional Director	-
Gustavo	Bisbal	US Geological Survey	Director, NW Climate Science Center	<a href="mailto:gbisbal@usgs.gov">gbisbal@usgs.gov</a>
Scott	Bischke	MountainWorks, Inc.	facilitator	<a href="mailto:scott@emountainworks.com">scott@emountainworks.com</a>
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Anne	Carlson	The Wilderness Society		
Yvette	Converse	US Fish and Wildlife Service	Coordinator, Great Northern LCC	<a href="mailto:Yvette_Converse@fws.gov">Yvette_Converse@fws.gov</a>
Frank	D'Erchia	US Geological Survey	Rocky Mountain Area—Denver	<a href="mailto:fderchia@usgs.gov">fderchia@usgs.gov</a>
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Ian	Dyson	Alberta Environment	Head, Cumulative Effects Strategy Development	<a href="mailto:Ian.Dyson@gov.ab.ca">Ian.Dyson@gov.ab.ca</a>
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Lynn	Helbrecht	Washington Department of Fish & Wildlife		-
Matt	Heller	US Fish and Wildlife Service	GNLCC Data Manager/GIS Administrator/Cartographer	<a href="mailto:Matthew_Heller@fws.gov">Matthew_Heller@fws.gov</a>
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Madeline	Maley	Ministry of Forests, Lands and Natural Resource Operations	Acting, Regional Executive Director	<a href="mailto:madeline.maley@gov.bc.ca">madeline.maley@gov.bc.ca</a>
John	Mankowski	US Fish and Wildlife Service	Coordinator, North Pacific Landscape Conservation Cooperative	<a href="mailto:john_mankowski@fws.gov">john_mankowski@fws.gov</a>
Kevin	Martin	US Forest Service	Forest Supervisor, Wallowa-Whitman National Forest	<a href="mailto:kdmartin@fs.fed.us">kdmartin@fs.fed.us</a>
Tom	Miewald	North Pacific LCC	Landscape Ecologist & Data Coordinator; Science Applications and Refuges	<a href="mailto:thomas_miewald@fws.gov">thomas_miewald@fws.gov</a>
Karen	Mollander	US Forest Service	Regional Director of Ecosystem Assessment and Planning	

First name	Last name	Organization	Title	Contact
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Greg	Watson	US Fish and Wildlife Service	US FWS Chief of Office of Landscape Conservation - Mountain Prairie Region (Denver)	<a href="mailto:Greg_Watson@fws.gov">Greg_Watson@fws.gov</a>
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## **GREAT NORTHERN LCC STEERING COMMITTEE DISCUSSION BRIEFINGS**

### **SC Decision Request.—Finalize GNLCC-supported project funding selections for 2013.**

Please see funding recommendation summary text explanation and tables on the following pages.

### **SC Guidance Request.—Review and feedback on outline for GNLCC Science Plan.**

GNLCC staff requests SC guidance on the (a) process, progress, and preliminary outcomes of a two-day meeting to begin development of the long-term GNLCC Science Plan; and (b) scoping future efforts and timing for completion of the Science Plan.

### **SC Guidance Request.—Recommend GNLCC priorities for InterLCC Sage Grouse RFP.**

We seek to identify priorities among GNLCC partners. The SC will discuss GNLCC common data, information, and science needs related to Sage Grouse conservation. This is a follow up to our request that the SC work with their individual Sage Grouse programs to identify three Sage Grouse priorities for the May 1-2 meeting.

At the meeting, we will compile and consolidate Sage Grouse priorities and, through discussion, produce an abbreviated list of priority Sage Grouse needs that generally represent the GNLCC interests. Upon agreement by the GNLCC SC, this list will be forwarded to the Inter-LCC Sage Grouse review/selection team for consideration as they review proposals received through the RFP.

This list is not intended to represent each agencies specific needs but rather to find common needs among parties, particularly where it supports transboundary, interjurisdictional conservation efforts.

# FY13 Funding Recommendation Summary

Prepared for GNLCC Steering Committee – May 1 Action Item

April 15, 2013

The following two options (see tables attached) are presented as a result of the ranking, review and discussion among the ranking team (see Option 1) and a follow up discussion among the GNLCC Advisory Team (see Option 2).

Both options are in agreement about funding the top ranked 11 projects at the level identified (which includes 3 at reduced amounts as justified through budget review and FY13 Funding Guidance considerations - highlighted in blue on the tables).

## Explanation

In Option 1, the ranking and review team determined it may be important to try to fund the only top ranking sage grouse proposal (Crabtree). They also felt Wenger and Young had commonality in purpose such that a pilot effort combining their efforts might be feasible (at \$15K ea). This resulted in Chong's proposal being skipped over (highlighted in gray), despite acknowledging the value of this project.

In Option 2, the GNLCC Advisory Team was comfortable with the recommendations for proposals ranked 1 through 11. However, it was suggested that the Crabtree proposal (ranked 16) could be forwarded for consideration under the recently released Inter-LCC Sage Grouse RFP, thereby allowing funding to be available for Chong's proposal (ranked 14) which ranked higher. They also discussed the possibility of not funding the Wenger / Young pilot idea as it may not result in a deliverable, but rather to direct those funds towards Chong's proposal. (Geneva Chong asked to be recused from this discussion although was asked to stay on the call).

As in other years, all proposals funded at a reduced amount would have to be re-scoped to consider the new budget as agreed to by both GNLCC staff and Principle Investigator.

The AT concluded that the GNLCC staff could make an assessment of which option was better. GNLCC staff is presenting both options to the GNLCC Steering Committee for their consideration of FY13 funding recommendation to the Mountain Prairie Region of US Fish and Wildlife Service for Great Northern LCC science funding.

The GNLCC SC can make suggestions for other recommendations. Please be prepared to discuss and make a decision on the FY13 Funding Recommendation at the May 1-2 GNLCC Steering Committee meeting in Leavenworth, WA.

### Great Northern LCC FY13 Funding Recommendation - Opt 1

Title	Principle Investigator [* new project]	Requested	Cumulative Requested \$	Suggested \$	Cumulative Suggested \$
The NorWeST Regional Stream Temperature Model for Mapping Thermal Habitats and Predicting Vulnerability of Aquatic Species to Cl	Isaak	\$31,558	\$31,558	\$31,558	\$31,558
A new model of watershed-scale aquatic monitoring from the Crown of the Continent: Quantifying the benefits of restoration	Carlson	\$40,746	\$72,304	\$40,746	\$72,304
Species Adaptations to Climate Change: Grassland, Sagebrush, and Riparian-associated Landbirds in Bird Conservation Region 10	Vest	\$65,000	\$137,304	\$65,000	\$137,304
Informing Connectivity Conservation Decisions in the BC-WA Transboundary Region and the Columbia Plateau Ecoregion	Schuett-Hames	\$314,834	\$452,138	\$150,000	\$287,304
Using Landscape Analysis Metrics to Manage Aquatic Invasive Species and Targeted Transboundary Species in the Crown of the Continent Ecosystem	Sexton	\$80,487	\$532,625	\$80,487	\$367,791
Piloting a Strategic Approach to Landscape Conservation Design in the Columbia Plateau Ecoregion, Phase 2: Assessing the Condit	Miewald	\$156,074	\$688,699	\$110,000	\$477,791
Facilitating climate change adaptation planning and implementation through the GNLC Rocky Mountain Forum	Cross	\$76,496	\$765,195	\$76,496	\$554,287
A science-based decision support tool for prioritizing mitigation of road impacts on WGA wildlife corridors	Ament*	\$27,600	\$792,795	\$27,600	\$581,887
Predicting Effects of Climate Change on Aquatic Ecosystems in the Crown of the Continent Ecosystem: Combining Vulnerability Asse	Muhfeld	\$132,000	\$924,795	\$132,000	\$713,887
Science Support for land conservation in the Rocky Mountain corridor	Whitfield*	\$50,000	\$974,795	\$50,000	\$763,887
Developing management guidelines for creating resilient whitebark pine ecosystems in the northern Rocky Mountains	Keane*	\$89,000	\$1,063,795	\$50,000	\$813,887
Combining demographic population modeling and "riverscape" genetics to guide conservation management of native trout	Wenger*	\$181,369	\$1,245,164	\$15,000	\$843,887
Helping managers develop and implement a consistent method to prioritize conservation and identify climate adaptation strategies	Al-Chokhachy*	\$53,875	\$1,299,039	\$53,875	\$882,762
Identification of fire refugia in Rocky Mountain ecosystems of the U.S. and Canada: Development and application of the refugium	Chong*	\$216,356	\$1,515,395	\$0	\$882,762
Building the biodiversity portfolio for aquatic species in the Inland Northwest: a guide for managers	Young*	\$143,321	\$1,658,716	\$15,000	\$897,762
Sage-grouse and energy development: predicting population response to infrastructure for informing management and conservation	Crabtree*	\$99,781	\$1,758,497	\$99,781	\$997,543
<b>TOTAL FUNDING</b>			<b>\$1,758,497</b>		<b>\$997,543</b>
<b>KEY - Asterix [ * ] connotes new projects</b>					
Fully funded at Requested Amount					
Funded at Reduced Amount					
Not Funded					

<b>Great Northern LCC FY13 Funding Recommendation – Opt 2</b>					
<b>Title</b>	<b>Principle Investigator [* new project]</b>	<b>Requested</b>	<b>Cumulative Requested \$</b>	<b>Suggested \$</b>	<b>Cumulative Suggested \$</b>
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<b>TOTAL FUNDING</b>			<b>\$1,758,497</b>		<b>\$997,762</b>
<b>KEY - Asterix [ * ] connotes new projects</b>					
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Funded at Reduced Amount					
Not Funded					