



GNLCC Rocky Mountain Partner Forum

Climate Change Planning Workshop

June 4-5, 2013

Fish Technology Center, 4050 Bridger Canyon Road, Bozeman, MT

AGENDA

Workshop Goals:

1. Discuss how climate change might influence conservation and management goals and actions for a selected resource (watershed function/cold water systems -- see below for details).
2. Address issues of scale by considering how climate change impacts and management options for watershed function/cold water systems vary across the Great Northern Landscape Conservation Cooperative (GNLCC) region.
3. Build/strengthen a network of practitioners (agencies, NGOs, scientists) working on climate change in the region to foster greater exchange of information, ideas and experiences.

Focal Resource: Watershed function with a particular focus on cold water systems [includes native cold water fish, other cold water aquatic species, stream flows (quantity, temperature, and timing), riparian condition and function, and upland watershed hydrology].

Workshop Outcomes:

- Learn about and gain experience in how to incorporate climate change information into conservation and management decisions.
- Generate potential strategies for managing watershed function/cold water systems as climate changes that can be considered for implementation by public and private land managers and conservation practitioners across the GNLCC.
- Generate science/information needs to support the implementation of climate-informed management strategies as input into the GNLCC Science Strategy.
- Build/strengthen a network of practitioners that can serve as a foundational leadership team for the Rocky Mountain Partner Forum of the GNLCC.

Tuesday June 4th:

8:00-9:00am	Breakfast (<i>provided</i>) – <i>optional hike up the Drinking Horse trail with Gary Tabor</i>
9:00-9:45am	Welcome and introductions
9:45-10:30am	Presentation: Integrating climate change into conservation and natural resource management (Molly Cross, WCS + Lara Hansen, EcoAdapt)
10:30-11:00am	Discussion: What is your main mandate and goal with respect to watershed function and cold water systems? What are the major strategies/actions you use to achieve those goals?
11:00-11:15am	Break
11:15-11:45pm	Presentation: Climate projections for the region and issues of uncertainty (Greg Pederson,

USGS)

- 11:45-12:00pm Presentation: The influence of climate and other drivers on watershed function and cold water systems (Molly Cross, WCS)
- 12:00-12:45pm Lunch (*provided*) – discuss conceptual model of key climate and non-climate drivers at tables
- 12:45-1:00pm Discussion: The influence of climate and other drivers on watershed function/cold water systems
- 1:00-1:30pm Presentation: Climate change impacts on stream flows, wetlands, aquatic species (Robert Al-Chokhachy, USGS)
- 1:30-2:00pm Presentation: Current socio-economic and demographic trends, and future responses to climate change (Ray Rasker, Headwaters Economics)
- 2:00-3:30pm Interactive Planning: Assessing consequences of climate change for achieving goals and whether/how to revise
- 3:30-3:45pm Break
- 3:45-4:30pm Report back and discussion on goals
- 4:30-5:30pm Social Hour (drinks and appetizers provided)

Dinner on your own

Wednesday June 5th:

- 8:00-8:30am Breakfast (*provided*)
- 8:30-8:45am Re-cap from Day 1 and set up for Day 2
- 8:45-10:00am Mini-presentations, testimonials and discussion: Using climate science to inform conservation and management actions
- 10:00-10:15am Break
- 10:15-11:45am Interactive planning: Assessing consequences of climate change on actions and whether/how to revise
- 11:45-12:15pm Report back and discussion on actions
- 12:15-1:00 Lunch (*provided*)
- 1:00-2:15pm Interactive planning: Developing the action plan for implementation and identifying science and coordination needs
- 2:15-2:45pm Report-back and discussion on implementation ideas and needs
- 2:45-3:30pm Discussion: Science/information/coordination needs and next steps

3:30pm

Meeting Adjourned!