

**LCCMR Presentation Schedule - 2014 Proposals**  
**Tuesday, October 1, 2013 Co-chair: Rep. Jean Wagenius**  
**Room 5, State Office Building, St. Paul, MN**  
**8:30 AM - 6:45 PM**

Time	ID #	Title	\$ Request	Affiliation	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	030-B	Antibiotics and Antibiotic Resistance Genes in Minnesota Lakes	\$338,000	U of MN	Arnold, William
9:30 AM	036-B	Water: Solar Driven Destruction of Pesticides, Pharmaceuticals, Contaminants	\$291,000	U of MN	Arnold, William
10:00 AM	031-B	Wastewater Estrogen: Removal Options, Fish Abundance, and Cost	\$516,000	U of MN	Novak, Paige
10:30 AM	033-B	Protecting Bacteria from Contaminants to Preserve Water Quality	\$279,000	U of MN	Novak, Paige
11:00 AM	032-B	Does Triclosan Create Super Bugs During Wastewater Treatment	\$382,000	U of MN	LaPara, Timothy
11:30 AM	062-B	Minnesota River Community Clean-Ups for Water Quality	\$85,100	Friends of the Minnesota Valley	Sparlin, Scott
12:00 PM	047-B	Demonstrating Farmer Led Conservation in Elm Creek Watershed	\$460,360	Rural Advantage	Meschke, Linda
<b>Break for Lunch</b>					
1:15 PM	050-B	Restoring Groundwater and Trout Habitat Through Irrigation Efficiencies	\$490,649	Benton County Soil and Water Conservation District	Maciej, Gerry
1:45 PM	034-B	Watershed Water Budgets for Managing Minnesota's Water	\$129,300	U.S. Geological Survey	Lorenz, David
2:15 PM	035-B	Protecting the State's Confined Drinking-Water Aquifers	\$394,000	U. S. Geological Survey	Stark, James
2:45 PM	040-B	Measuring hydrologic benefits from Glacial Ridge habitat restoration	\$168,500	Red Lake Watershed District	Cowdery, Tim
3:15 PM	046-B	Sedimental Journey: Watershed-scale monitoring of BMP effectiveness	\$972,000	Science Museum of MN - St. Croix Watershed Research Station	Engstrom, Daniel
3:45 PM	048-B	Estrogen exposure analyses in Minnesotas Shallow Lake Wildlife	\$136,000	St. Thomas University	Illig, Kurt
4:15 PM	037-B	Removing Phosphorous and Endocrine Disruptors from our Waterways	\$493,000	U of MN	Valentas, Kenneth
4:45 PM	038-B	Rain Water Reuse and Valuation Investigation	\$310,000	U of MN	Alexander, Scott
5:15 PM	045-B	Identifying Causes of Exceptionally High Mercury in Fish	\$2,700,869	MN Pollution Control Agency	Monson, Bruce
5:45 PM	051-B	Small-scale Groundwater sustainability assessment	\$118,214	U of MN	Strack, Otto
6:15 PM	150-F	Restoring Aquatic Habitat by Reducing Sediment from Streambanks	\$276,000	U of MN - Water Resources Center	Everett, Leslie

**LCCMR Presentation Schedule - 2014 Proposals**  
**Wednesday, October 2, 2013 Co-chair: Nancy Gibson**  
**Room 5, State Office Building, St. Paul, MN**  
**8:30 AM - 6:15 PM**

Time	ID #	Title	\$ Request	Affiliation	Project Manager
8:30 AM	N/A	Overview of MN Dept. of Agriculture competitive grant program (M.L. 2013, Ch. 114, Sec. 2, Subd. 4 "Bioenergy and Value-Added Agriculture)	N/A	MN Department of Agriculture	N/A
9:00 AM	009-A	State Spring Inventory for Resource Management and Protection	\$875,746	MN DNR	Falteseik, Jan
9:30 AM	107-D	Invasive Species Control in Grassland Habitats	\$892,000	The Nature Conservancy	Winter, Brian
10:00 AM	023-A	Restoring Long-Lost Forest Data and Extending Ecological Monitoring	\$196,000	U of MN	Ek, Alan
10:30 AM	112-E	Solar Cell Materials from Sulfur and Common Metals	\$494,092	U of MN	Penn, Lee
11:00 AM	163-F	Cattail Management for Wetland Wildlife and Bioenergy Potential	\$74,600	U of MN	Svedarsky, Daniel
11:30 AM	122-E	Transitioning Minnesota Farms to Local Energy	\$1,049,992	U of MN	Reese, Michael
12:00 PM	126-E	Life Cycle Energy of Renewably Produced Nitrogen Fertilizers	\$512,732	U of MN	Tallaksen, Joel
<b>Break for Lunch</b>					
1:15 PM	187-G	Strategic Land Acquisition, Accelerating Sales and Exchanges	\$500,000	MN DNR	Tomlinson, Robert
1:45 PM	172-F	Increasing Habitat and Ecosystem Benefits through Forest management	\$268,600	MN DNR - Div of Forestry	Jacobson, Kent
2:15 PM	140-E	Itasca Boiler/Woody Biomass Utilization Project	\$1,035,100	Itasca Community College	Johnson, Bart
2:45 PM	171-F	Ecological Management Plans - Mississippi River Watershed and Minneapolis	\$228,800	Minneapolis Park and Recreation Board	Ringold, Jennifer
3:15 PM	137-E	Solar PV at Minnesotas Residential Environmental Learning Centers	\$150,000	Eagle Bluff, Wolf Ridge, Deep Portage , Long Lake , Audubon Center of the Northwoods, Laurentian ELC	Yerger, Dale
3:45 PM	134-E	District Heating With Renewable Biomass at Camp Ripley	\$1,970,000	MN Dept. of Military Affairs/MN National Guard	Anderson, Mark
4:15 PM	139-E	Eliminating Sulfur from On-Farm Anaerobic Digester Emissions	\$300,000	MN Department of Agriculture	Hennessy, Kevin
4:45 PM	121-E	Demonstrating Innovative Technologies to Fully Utilize Wastewater Resources	\$2,041,626	U of MN	Ruan, Roger
5:15 PM	125-E	Clean Water/Renewable Energy from Beet Waste/Manure	\$403,685	U of MN	Zhu, Jun
5:45 PM	133-E	Next Generation Septic Tank Systems	\$258,810	U of MN	Hu, Bo

**LCCMR Presentation Schedule - 2014 Proposals**  
**Thursday, October 3, 2013 Co-chair: Sen. David Tomassoni**  
**Room 5, State Office Building, St. Paul, MN**  
**8:30 AM - 4:15 PM**

Time	ID #	Title	\$ Request	Affiliation	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	066-C	Minnesota Conservation Apprenticeship Academy	\$392,000	BWSR	Gieseke, Jenny
9:30 AM	068-C	GreenStep Schools Program: School-based Environmental Education and Stewardship	\$900,000	MN Pollution Control Agency	Sierks, William
10:00 AM	151-F	Protecting Bees by Understanding Systemic Insecticides	\$326,869	U of MN	Krischik, Vera
10:30 AM	072-C	Minnesota Pollinator Partnership	\$104,600	Pheasants Forever	Holland, Matt
11:00 AM	073-C	Bee Discovery Center at the Minnesota Landscape Arboretum	\$615,279	U of MN Landscape Arboretum	Moe, Peter
11:30 AM	074-C	Urban Environmental Education Engaging Students in Local Resources	\$1,093,000	Wilderness Inquiry	Lais, Gregory
<b>Break for Lunch</b>					
12:45 PM	071-C	Youth-led Sustainability Initiatives in 40 Greater MN Communities	\$397,000	Prairie Woods Environmental Learning Center	Pederson, Dave
1:15 PM	076-C	Raptor Lab: Online and Outdoors!	\$186,676	U of MN	Ponder, Julia
1:45 PM	086-C	The Wolf At Our Door	\$123,672	International Wolf Center	Berus, Darcy
2:15 PM	077-C	Building Bridges to a Diverse Natural Resources Community	\$1,100,000	MN DNR	Hanson, Michele
2:45 PM	083-C	Reducing Lake Quality Impairments through Citizen Action	\$59,375	Freshwater Society	Gehrig, Alex
3:15 PM	080-C	TV Documentary: The Great Mille Lacs Walleye Mystery	\$102,372	Twin Cities Public Television	Henehan, Brendan
3:45 PM	162-F	Dredged Sediment for Forest Restoration on Unproductive Minelands	\$495,585	U of MN - NRRI	Levar, Tom

**LCCMR Presentation Schedule - 2014 Proposals**  
**Tuesday, October 15, 2013 Co-chair: Rep. Jean Wagenius**  
**Room 5, State Office Building, St. Paul, MN**  
**8:30 AM - 6:45 PM**

Time	ID #	Title	\$ Request	Affiliation	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	017-A	Prairie Butterfly Conservation, Research and Breeding Program	\$638,439	Minnesota Zoological Garden	Runquist, Erik
9:30 AM	011-A	Impact of Grazing on Native Plants and Pollinators	\$465,457	U.S. Geological Survey	Larson, Diane
10:00 AM	146-F	Achieving Pollinator Landscapes with the Greatest Multiple Benefits	\$1,714,040	U of MN	Spivak, Marla
10:30 AM	191-H	Contract Management	\$135,000	MN DNR	Graeber, Amanda
11:00 AM	006-A	Wild Bee Surveys in Prairie-Grassland Habitats	\$370,736	MN DNR	Nordquist, Gerda
11:30 AM	149-F	Developing Forever Green Crops for Minnesotas Agricultural Landscapes	\$847,900	U of MN	Wyse, Donald
12:00 PM	147-F	Healthy Prairies: Seed Storage, Beneficial Microbes, and Adaptation	\$695,000	U of MN	Shaw, Ruth
<b>Break for Lunch</b>					
1:15 PM	005-A	Contaminants in Minnesotas Loons and Pelicans: Phase 2	\$259,936	MN DNR	Henderson, Carrol
1:45 PM	111-E	Assessing Species Vulnerability to Climate Change Using Phenology	\$189,845	U of MN	Montgomery, Rebecca
2:15 PM	001-A	Mapping Landscapes for Better Land and Water Management	\$378,718	U of MN	Knight, Joseph
2:45 PM	002-A	Assess and Improve Ecological Health of Trust Lands	\$514,395	U of MN	DAmato, Anthony
3:15 PM	003-A	Online Access to Minnesota's Biodiversity for Environmental Management	\$342,428	U of MN	Barker, Keith
3:45 PM	004-A	Conserving Minnesotas Freshwater Mussel Legacy: Quantifying Habitat Interactions	\$356,843	U of MN	Kozarek, Jessica
4:15 PM	008-A	Analyzing and sharing the Minnesota Breeding Bird Atlas	\$386,831	Audubon Minnesota	Martell, Mark
4:45 PM	014-A	Impacts of Forest Quality on Declining Minnesota Moose	\$394,496	U of MN	Forester, James
5:15 PM	016-A	Moose Decline and Air Temperatures in Northeastern Minnesota	\$743,648	MN DNR	Larson, Mike
5:45 PM	019-A	Sandhill Crane Populations and Management in Minnesota	\$306,904	U of MN	Andersen, David
6:15 PM	020-A	Expand the Minnesota Wildflowers Online Botanical Reference	\$222,450	MN Wildflowers Information	Chayka, Katy

**LCCMR Presentation Schedule - 2014 Proposals**  
**Wednesday, October 16, 2013 Co-chair: Nancy Gibson**  
**Room 5, State Office Building, St. Paul, MN**  
**8:30 AM - 6:15 PM**

Time	ID #	Title	\$ Request	Affiliation	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	010-A	Drainage Records Modernization and Statewide GIS Database	\$730,000	BWSR	Kean, Allan
9:30 AM	152-F	Northeast Minnesota White Cedar Restoration, Phase 2	\$335,800	BWSR	Krystosek, Dale
10:00 AM	154-F	Protecting the Best of the Best in Southeast	\$258,500	The Nature Conservancy	Biske, Richard
10:30 AM	157-F	MeCC: Restoring our Lands and Waters	\$414,000	Great River Greening	Buck, Wiley
	158-F	MeCC: Protect, Restore and Enhance Significant Watershed Habitat.	\$204,000	Friends of the Mississippi River	Lewanski, Tom
11:00 AM	164-F	Innovative Technology to Seed Plants on Streambanks	\$189,000	U of MN	Wyatt, Gary
11:30 AM	177-G	SNA Acquisition, Restoration, Improvement & Citizen Engagement	\$3,951,870	MN DNR	Booth, Peggy
12:00 PM	182-G	VanderWert Scientific and Natural Area and County Park	\$455,000	Fox Lake Conservation League, Inc.	Perrine, Rich
<b>Break for Lunch</b>					
1:15 PM	184-G	Mesabi Trail Development - Soudan to Ely Segment	\$1,000,000	St. Louis & Lake Counties Regional Railroad Authority	Manzoline, Robert
1:45 PM	188-G	Connecting the Minnesota River Water Trail and Morton	\$198,200	City of Morton	Colwell, Carl
2:15 PM	013-A	Redesigned Updating of State and County Forest Inventories	\$1,794,640	MN DNR	Nelson, Jon
2:45 PM	058-B	Nutrient Capture Through Water Management and Biomass Harvesting	\$478,500	Red River Basin Commission	Lewis, Jeff
3:15 PM	109-D	Regional Aquatic Invasive Species Project	\$219,890	Red River Basin Commission	Courneya, Joe
3:45 PM	174-F	Victus Farms: Expanding in New Directions	\$356,000	City of Silver Bay	Fralich, Lana
4:15 PM	178-G	Metropolitan Regional Park System Acquisition--Phase 3	\$2,250,000	Metropolitan Council	Stefferdud, Arne
4:45 PM	183-G	3,500-Foot Shoreland Acquisition on St. Croix River	\$2,500,000	Washington County	Harper, Jane
5:15 PM	069-C	Minnesota Stories in a Changing Climate	\$413,860	Will Steger Foundation	Poppleton, Kristen
5:45 PM	161-F	Maintaining Expiring CRP Land Benefits Using Integrative Cropping	\$467,000	U of MN	Zamora, Diomy

**LCCMR Presentation Schedule - 2014 Proposals**  
**Thursday, October 17, 2013 Co-chair: Sen. David Tomassoni**  
**Room 5, State Office Building, St. Paul, MN**  
**8:30 AM - 3:15 PM**

Time	ID #	Title	\$ Request	Affiliation	Project Manager
<b>8:30 AM</b>	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
<b>9:00 AM</b>	097-D	Blocking Asian Carp by Optimizing Lock and Dams	\$463,449	U of MN	Sorensen, Peter
<b>9:30 AM</b>	098-D	Biosurveillance and Biocontrol of EAB - Phase 2	\$628,100	MN Department of Agriculture	Chandler, Monika
<b>10:00 AM</b>	099-D	Mountain Pine Beetle: Invasive Threat to Minnesotas Pines	\$382,100	U of MN	Aukema, Brian
<b>10:30 AM</b>	100-D	Brown Marmorated Stink Bug Monitoring and Biocontrol Evaluation	\$266,024	MN Department of Agriculture	Abrahamson, Mark
<b>11:00 AM</b>	101-D	Bioacoustics to Detect, Deter and Eliminate Flying Carp	\$262,907	U of MN Duluth	Mensingher, Allen
<b>11:30 AM</b>	102-D	Bacterial Biodiversity for Sustainable St. Louis River Estuary	\$359,849	U of MN - Duluth	Hicks, Randall
<b>Break for Lunch</b>					
<b>12:45 PM</b>	104-D	Minnesota Deers Risk of Invading Epizootic Hemorrhagic Disease	\$135,847	U of MN - College of Veterinary Medicine	Robinson, Stacie
<b>1:15 PM</b>	106-D	Accelerated Effort to Understand and Control Zebra Mussels	\$5,180,800	MN DNR	Pierce, Ann
<b>1:45 PM</b>	116-E	Innovative Groundwater-Enhanced Geothermal Heat Pump Study	\$196,000	U of MN	Saar, Martin
<b>2:15 PM</b>	192-H	Legacy Website Funding per M.S. 3.303, Subd. 10	\$9,000	Legislative Coordinating Commission	Hubinger, Greg
<b>2:45 PM</b>	N/A	Discussion of LCCMR Allocations Process on 10/22-10/23	N/A	N/A	N/A