

LCCMR Presentation Schedule - 2016 Proposals
Tuesday, September 29, 2015 - Co-chair: Nancy Gibson
Room 5, State Office Building, St. Paul, MN
8:30 AM - 5:45 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	036-B	Restoring Native Mussels for Cleaner Streams and Lakes	\$744,798	MN DNR	Davis, Mike
9:30 AM	053-B	Eliminating Contaminants to Protect Endangered Native Fish/Mussels	\$287,448	University of St. Thomas	Wammer, Kristine
10:00 AM	052-B	Perfluorochemical Contamination Effects on Amphibians and Wetland Ecosystems	\$250,954	U of MN - Duluth NRRRI	Olker, Jennifer
10:30 AM	060-B	Sulfate/Wild-Rice Muncipal Wastewater Treatment Plant Alternative Analysis	\$180,000	MPCA	Kyser, Scott
11:00 AM	004-A	A Statewide Monitoring Network for Minnesota's Changing Habitats	\$645,821	MN DNR	Carlson, Bruce
11:30 AM	018-A	Minnesota: How Much Water? How is it Changing?	\$702,231	U of MN	Nieber, John
12:00 PM	070-B	Predicting Climate Change Effects on Mercury in Peatlands	\$643,088	U of MN	Nater, Ed
Break for Lunch					
1:15 PM	037-B	Tracking and Preventing Harmful Algal Blooms	\$764,300	Science Museum of Minnesota - St. Croix Research Station	Engstrom, Daniel
1:45 PM	038-B	Increasing Harmful Algal Blooms in Minnesota Lakes	\$395,249	U of MN - St. Anthony Falls Laboratory	Hondzo, Miki
2:15 PM	043-B	Membrane-Based Process for Decentralized Drinking Water Production	\$191,304	U of MN	Romero-Vargas Castrillón, Santiago
2:45 PM	040-B	Quantifying Bacteria for Better Wastewater Treatment Process Control	\$398,592	U of MN	LaPara, Timothy
3:15 PM	044-B	Salt Impacts to Minnesota Lakes, Rivers and Groundwater	\$497,276	U of MN	Gulliver, John
3:45 PM	046-B	Reducing Salt and Metal Removal Costs with Microbes	\$596,599	U of MN	Bond, Daniel
4:15 PM	045-B	Assessing Wetland Restorations for Improved Water Quality	\$420,000	U of MN	Finlay, Jacques
4:45 PM	002-A	Minnesota Vegetative Buffer Assessment and Prioritization	\$170,421	U of MN	Mulla, David
5:15 PM	161-F	Prioritizing Walleye Spawning Habitat Restoration in Minnesota Lakes	\$288,205	U of MN	Herb, William

LCCMR Presentation Schedule - 2016 Proposals
Wednesday September 30, 2015 - Co-chair: Sen. David Tomassoni
Room 5, State Office Building, St. Paul, MN
8:30 AM - 5:45 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	035-B	Neonicotinoid Insecticide Effects on Aquatic and Soil Communities	\$412,000	U of MN	Arnold, William
9:30 AM	049-B	Understanding Bedrock Fracture Flow to Improve Groundwater Quality	\$183,627	Minnesota Geological Survey	Runkel, Anthony
10:00 AM	050-B	Protecting Drinking Water Aquifers-Phase 2	\$433,400	U. S. Geological Survey	Bumgarner, Johnathan
10:30 AM	128-D	Elimination of Target Invasive Plant Species - Phase 2	\$752,100	Minnesota Department of Agriculture	Chandler, Monika
11:00 AM	054-B	Engineered Biofilter for Sulfate Removal from Mine Waters	\$439,817	U of MN	Behrens, Sebastian
11:30 AM	055-B	Novel Algae Bioreactors for Nitrogen and Phosphorus Removal	\$350,000	U of MN	Ishii, Satoshi
12:00 PM	073-B	Removal of Nitrates from Minnesota Waters	\$198,256	U of MN	Wackett, Lawrence
Break for Lunch					
1:15 PM	061-B	Vanishing Winter: Effects on Lakes Small to Large	\$600,000	U of MN - Large Lakes Observatory	Sterner, Robert
1:45 PM	082-B	Hydrologic Trends: Identify, Manage and Adapt	\$682,000	Freshwater Society	Gerber, Darrell
2:15 PM	012-A	State Spring Inventory for Resource Management - Phase 2	\$518,499	MN DNR	Falteisek, Jan
2:45 PM	088-B	Surface Water Bacterial Treatment System Pilot Project	\$991,600	Vadnais Lake Area Water Management Organization	Corcoran, Brian
3:15 PM	094-C	Standards-Based Dakota Indian Land Curriculum for 1,250 Students	\$197,104	Dakota Wicohan	Peterson, Teresa
3:45 PM	091-C	Improving Outdoor Classrooms for Education and Recreation	\$766,563	MN DNR	Kerber, Amy Kay
4:15 PM	096-C	Creating Southwest Minnesota High School Student Wildlife Champions	\$147,400	Minnesota Zoo	Strecker, Carol
4:45 PM	099-C	Expanded Wolves at our Door program	\$240,012	International Wolf Center	Kline, David
5:15 PM	120-C	Connecting Every 4th Grader in State Parks	\$508,740	MN DNR	Conrad, Jennifer

LCCMR Presentation Schedule - 2016 Proposals
Thursday October 1, 2015 - Co-chair: Rep. John Persell
Room 5, State Office Building, St. Paul, MN
8:30 AM - 5:45 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
8:45 AM	185-H	Contract Agreement Reimbursement	\$135,000	MN DNR	Sroka, Amanda
9:00 AM	153-E	Solar Solutions to Minnesota Energy Poverty	\$490,429	Rural Renewable Energy Alliance	Edens, Jason
9:30 AM	093-C	Hunters Choice: Alternative Ammunition	\$133,054	U of MN	Ponder, Julia
10:00 AM	112-C	Master Water Steward Program Expansion	\$116,000	Freshwater Society	Knapp, Peggy
10:30 AM	111-C	"Toasted" Birdhouse Market Readiness Test	\$117,846	U of MN - Duluth NRRRI	Hueffmeier, Ryan
11:00 AM	105-C	Promoting Stewardship through Student Mentoring and River Monitoring	\$39,490	Southwest Minnesota State University	Deaver, Emily
11:30 AM	092-C	Youth-Led Energy Action Projects in 50 Minnesota Communities	\$450,500	Prairie Woods Environmental Learning Center	Foster, Shelli-Kae
12:00 PM	101-C	The New Prairie Sportsman Statewide Broadcast Video Project	\$300,000	Pioneer Public Television	Bakken, Timothy
Break for Lunch					
1:15 PM	181-G	Long-Term Drinking Water Supply Protection, Recreation, Habitat Plan	\$2,500,000	Lincoln Pipestone Rural Water System	Johnson, Mark
1:45 PM	182-G	Otter Tail River Protection and Recreation Trail Acquisition	\$500,000	City of Fergus Falls	Hydukovich, Gordon
2:15 PM	183-G	Tower Historic Harbor Nature Trail/Kayak Route	\$1,430,000	City of Tower	Keith, Linda
2:45 PM	178-G	Mesabi Trail Segment Highway 135 to Embarrass	\$1,200,000	St. Louis and Lake Counties Regional Railroad Author	Manzoline, Robert
3:15 PM	177-G	Preserving the Avon Hills with Reverse-Bidding Easements	\$1,307,000	Saint Johns University	Kroll, Thomas
3:45 PM	175-G	SNA Acquisition, Restoration, Enhancement & Public Engagement	\$9,324,826	MN DNR	Booth, Margaret (Peggy)
4:15 PM	179-G	Minnesota Point Pine Forest SNA Addition Project	\$500,000	Duluth Airport Authority	Werner, Tom
4:45 PM	174-G	State Parks and State Trails Land Acquisitions	\$2,000,000	MN DNR	Christie, Jennifer
5:15 PM	180-G	Wilder Forest Acquisition for Conservation, Preservation and Education	\$6,320,000	Minnesota Food Association	Otey Wold, Hilary

LCCMR Presentation Schedule - 2016 Proposals (REVISED 10/2/2015 Room Change)

Tuesday October 6, 2015 - Co-chair: Nancy Gibson

Room 5, State Office Building, St. Paul, MN

8:30 AM - 5:45 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	007-A	Feasibility of Restoring Elk to Northeastern Minnesota	\$325,541	U of MN	Forester, James
9:30 AM	009-A	Prairie Butterfly Conservation, Research and Breeding - Phase 2	\$990,042	Minnesota Zoo	Runquist, Erik
10:00 AM	003-A	Data Driven Pollinator Conservation	\$558,611	U of MN	Cariveau, Daniel
10:30 AM	005-A	Wild Bee Surveys in Minnesotas Prairie-Forest Habitats	\$707,364	MN DNR	Boyd, Crystal
11:00 AM	017-A	Promoting Prairie Pollinators: Bee Diversity in Fragmented Prairies	\$598,569	U of MN	Moeller, David
11:30 AM	155-F	Bee Pollinator Habitat Enhancement - Phase 2	\$387,085	U of MN	Spivak, Marla
12:00 PM	162-F	Measuring Prairie Fragment Connectivity: Pollen and Seed Dispersal	\$556,000	U of MN	Sullivan, Lauren
Break for Lunch					
1:15 PM	131-D	Winning the Dutch Elm Disease Battle - Phase 2	\$330,187	U of MN	Blanchette, Robert
1:45 PM	015-A	Emerald Ash Borer and Black Ash: Wildlife Impacts	\$334,218	U of MN - Duluth NRRI	Niemi, Gerald
2:15 PM	026-A	Tree Retention Following Harvest: Maximizing Benefits for Wildlife	\$232,310	U of MN - Duluth NRRI	Niemi, Gerald
2:45 PM	016-A	Improving Brook Trout Stream Habitat through Beaver Management	\$225,210	Bemidji State University	Hafs, Andrew
3:15 PM	023-A	Protecting Native Brook Trout: Temperature, Streamflow and Hydrogeology	\$119,858	Minnesota Geological Survey	Tipping, Bob
3:45 PM	013-A	Insecticide Exposure Risk of Wildlife on Public Grasslands	\$263,299	MN DNR	Davros, Nicole
4:15 PM	008-A	Do Neonicotinoids Pose a Risk to Minnesotas Birds?	\$349,767	U of MN	Ponder, Julia
4:45 PM	014-A	Enhancing Forest Inventory Using Multiple Remote Sensing Technologies	\$1,053,638	MN DNR	Kepler, Dennis
5:15 PM	141-E	Clean Vehicles Fueled by Hydrogen from Renewable Ammonia	\$842,849	U of MN	Northrop, Will

LCCMR Presentation Schedule - 2016 Proposals (REVISED 10/7/2015 Time Change)

Wednesday October 7, 2015 - Co-chair: Sen. David Tomassoni

Room 5, State Office Building, St. Paul, MN

9:00 AM - 5:45 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	001-A	Completing the National Wetland Inventory Update for Minnesota	\$1,644,270	MN DNR	Kloiber, Steve
9:30 AM	006-A	Sentinel Lakes Monitoring and Data Synthesis	\$401,623	MN DNR	Trembl, Melissa
10:00 AM	083-B	Integrating Targeted Watershed Planning Tools with Citizen Involvement	\$169,108	Minnesota State University, Mankato Water Resources Center	Musser, Kimberly
10:30 AM	011-A	Assessing Vegetations Control on Minnesota's Groundwater	\$212,964	U of MN	Ng, Gene-Hua (Crystal)
11:00 AM	090-C	Minnesota Conservation Apprentice Academy	\$433,000	Board of Water and Soil Resources	Gieseke, Jenny
11:30 AM	154-F	Seeding Between the Lines: Permanent Habitat Within Rowcrops	\$179,400	Science Museum of Minnesota - St. Croix Research Station	Schottler, Shawn
12:00 PM	056-B	On-Farm Prairie Filter Strips: Optimizing Water Quality Benefits	\$340,552	U of MN - Water Resources Center	Sleeper, Faye
Break for Lunch					
1:15 PM	168-F	Agricultural Runoff Water Quality Treatment Analysis - Phase II	\$295,010	Blue Earth County Drainage Authority	Austinson, Craig
1:45 PM	165-F	Forest Management for Mississippi River Drinking Water Protection	\$350,000	Crow Wing Soil and Water Conservation District	Barrick, Melissa
2:15 PM	039-B	Is Minnesotas Groundwater Safe to Drink?	\$299,829	U of MN	Hozalski, Raymond
2:45 PM	042-B	Morrison County Performance Drainage and Hydrology Management	\$261,000	Morrison SWCD	McLennan, Helen
3:15 PM	169-F	Restoration/Monitoring of Winona's 40-acre Blufflands Natural Area	\$99,427	Winona State University	Mundahl, Neal
3:45 PM	173-F	Restoring the City of Champlins Northern Gateway	\$2,000,000	City of Champlin	Tuominen, Todd
4:15 PM	159-F	Controlling Reed Canary Grass to Regenerate Floodplain Forest	\$218,500	Audubon Minnesota	Schlagenhaft, Tim
4:45 PM	166-F	Restoring our Metro Lands and Waters: MeCC IX	\$509,000	Great River Greening	Buck, Wiley
5:15 PM	019-A	Prescribed Burning to Improve Management for Brushland Species	\$267,623	U of MN	Montgomery, Rebecca

LCCMR Presentation Schedule - 2016 Proposals (REVISED 10/2/2015 Room Change)

Thursday October 8, 2015 - Co-chair: Rep. John Persell

Room 5, State Office Building, St. Paul, MN

8:30 AM - 5:45 PM

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting: Discussion of LCCMR Allocations Process on 10/20-10/21	N/A	N/A	N/A
9:00 AM	020-A	Enhancing Understanding of the Minnesota River Ecosystem	\$573,447	MN DNR	Lauer, Jack
9:30 AM	140-E	Cheap Solar Cells from Simple Roll-to-Roll Advanced Manufacturing	\$388,762	U of MN	Cui, Tianhong
10:00 AM	135-E	High Resolution Climate Projections to Aid Planning Efforts	\$411,389	U of MN	Snyder, Peter
10:30 AM	144-E	Geotargeted Distributed Clean Energy Initiative	\$1,850,000	Center for Energy and Environment	Nelson, Carl
11:00 AM	148-E	Utilization of Dairy Farm Wastewater for Sustainable Production	\$1,451,125	U of MN	Heins, Bradley
11:30 AM	149-E	Innovative Solar Energy Utilization for Minnesota Swine Farms	\$928,478	U of MN	Johnston, Lee
12:00 PM	151-E	Waste Heat Recovery with Efficient Thermoelectric Energy Generators	\$404,427	U of MN	Kortshagen, Uwe
Break for Lunch					
1:15 PM	051-B	Tiny Cheap Sensors for Pollutants Monitoring in Waters	\$508,878	U of MN	Cui, Tianhong
1:45 PM	047-B	Innovative Assessment of Minnesotas Surface Waters from Space	\$458,000	U of MN	Finlay, Jacques
2:15 PM	121-D	Minnesota Invasive Terrestrial Plants and Pests Center - Phase 3	\$5,000,000	U of MN	Venette, Dr. Robert
2:45 PM	123-D	Advancing Microbial Invasive Species Monitoring from Ballast Discharge	\$368,995	U of MN	Hicks, Randall
3:15 PM	122-D	Using Membranes to Treat Lake Superior Ballast Water	\$151,091	U of MN	Romero-Vargas Castrillón, Santiago
3:45 PM	124-D	White Nose Bat Syndrome Biological Control - Phase 2	\$452,532	U of MN	Salomon, Christine
4:15 PM	186-H	Roseau Lake Watershed: Targeted Water Quality Improvement	\$135,250	MN DNR	Van Offelen, Henry
4:45 PM	134-D	Invasive Carp Applied Research in Lake Nokomis Subwatershed	\$189,936	Minneapolis Park and Recreation Board	Arvidson, Adam
5:15 PM	N/A	Wrap-up Discussion of LCCMR Allocations Process on 10/20-10/21	N/A	N/A	N/A

*031-A WITHDRAWN - Habitat Use of Minnesotas Rarest Rodent \$90,062 Leech Lake Band of Ojibwe Mortensen, Steve