

**LCCMR's 2010 Environment and Natural Resources Trust Fund Allocation Recommendations to the 2010 Minnesota Legislature
H.F. 2624 & S.F. 2462**

Subd.	Project Title	Organization	Project Manager	Trust Fund \$ Recommended (\$26,029,000)	Region of Impact*
Subd. 3 Natural Resource Data and Information (11 projects/subtotal = \$4,930,000)					
3a	County Geologic Atlases and Related Hydrogeologic Research	U of MN, MN Geological Survey	Setterholm, Dale	\$1,130,000	Central, Metro, SE (Statewide effort)
3b	Updating the Minnesota Wetlands Inventory: Phase 2	DNR	Kloiber, Steve	\$1,100,000	Central, Metro, SE (Statewide effort)
3c1 3c2	Minnesota Breeding Bird Atlas	Audubon Minnesota UMD, NRR	Martell, Mark Niemi, Gerald	\$372,000	Statewide
3d	Integrated, Operational Bird Conservation Plan for Minnesota	Audubon Minnesota	Pfannmuller, Lee	\$151,000	Statewide
3e	Mitigating Pollinator Decline in Minnesota	U of MN	Krischik, Vera	\$297,000	Statewide
3f	Science and Innovation from Soudan Underground Mine State Park	U of MN	Gralnick, Jeffrey	\$545,000	Metro, NE
3g	Quantifying Carbon Burial in Wetlands	U of MN	Cotner, James	\$144,000	Statewide
3h	Strategic Planning for Minnesota's Natural and Artificial Watersheds	U of MN	Mulla, David	\$327,000	Statewide
3i	Ecosystem Services in Agricultural Watersheds	Chippewa River Watershed Project	Olson, Kylee	\$247,000	Central
3j	Farmland Conservation in Minnesota	Farmers Legal Action Group, Inc. (FLAG)	Jambor-Delgado, Jennifer	\$100,000	Statewide
3k	Identifying Critical Habitats for Moose in Northeastern Minnesota	UMD, NRR	Moen, Ron	\$507,000	NE
Subd. 3 Natural Resource Data and Information Subtotal =				\$4,920,000	
Subd. 4 Land, Habitat, and Recreation (8 projects/subtotal = \$10,180,000)					
4a	Ecological Restoration Training Cooperative for Habitat Restoration	U of MN	Galatowitsch, Susan	\$550,000	Statewide
4b	Scientific and Natural Areas and Native Prairie Restoration, Enhancement and Acquisition	DNR	Booth, Margaret (Peggy)	\$1,750,000	Statewide
4c	State Park Land Acquisition	DNR	Peterson, Larry	\$2,200,000	Central, Metro, NE (Statewide effort)
4d	Protection of Rare Granite Rock Outcrop Ecosystem	Renville SWCD, BWSR	Kalahar, Thomas	\$1,800,000	Central, SW

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4e	Minnesota's Habitat Conservation Partnership Supplemental (HCP)	6 Non-profit, 1 State, 1 Federal, and 1 Tribal Agency Partners of the HCP		\$1,400,000	Central, NE, NW, SE, SW
	HCP - Shallow Lake Assessment & Management	DNR	Ray Norrgard	\$45,000	Central, NE, NW, SE,
	HCP - Shallow Lakes	Leech Lake Band of Ojibwe	Steve Mortenson	\$50,000	Central, NW
	HCP - Fisheries Habitat Restoration	DNR	Linda Erickson-Eastwood	\$100,000	Central, NE, NW, SE,
	HCP - Prairie Management	DNR	Jason Garms	\$63,000	Central, NW, SW
	HCP - Acquisition and Restoration	The Nature Conservancy	Rich Johnson	\$210,000	Central, NW, SE, SW
	HCP - Working Lands Partnership	Friends of the Detroit Lakes WMD	Greg Hoch	\$45,000	NW
	HCP - Bluffland Restoration	National Wild Turkey Federation	Dave Neu	\$50,000	SE
	HCP - Conservation Easements	Minnesota Land Trust	Sarah Strommen	\$102,000	Central, NE, NW, SE,
	HCP - Shallow Lake Easements	Ducks Unlimited, Inc.	Jon Schneider	\$75,000	Central, SE, SW
	HCP - Wetlands Reserve Program	Ducks Unlimited, Inc. / NRCS	Jon Schneider/Tim Koehler	\$350,000	Central, NW, SE, SW
	HCP - Fisheries Land Acquisition	DNR	Mike Halverson	\$100,000	Central, NE, NW, SE,
	HCP - Critical Lands Protection Program -	The Trust for Public Land	Robert McGillivray	\$200,000	Central, NE, NW, SE,
	HCP - Professional Services	DNR	Mike Halverson	\$10,000	Central, NE, NW, SE,
4f	Metropolitan Conservation Corridors Supplemental (MeCC)	4 Non-profit Partners of the MeCC		\$1,800,000	Metro
	MeCC - Lower MN River Watershed Restoration	Friends of the Minnesota Valley	Lori Nelson	\$50,000	Metro
	MeCC - Critical Land Acquisition	The Trust for Public Land	Becca Nash	\$915,000	Metro
	MeCC - Conservation Easements	Minnesota Land Trust	Sarah Strommen	\$485,000	Metro
	MeCC - Fee Acquisition for Minnesota Valley NWR	MN Valley Nat'l Wildlife Refuge Trust	Deborah Loon	\$350,000	Metro
4g	Conserving Sensitive and Priority Shorelands in Cass County	Cass County	Ringle, John	\$300,000	Central
4h	Reconnecting Fragmented Prairie Landscapes	The Nature Conservancy	Chaplin, Steve	\$380,000	Central, NW, SE, SW
Subd. 4 Land, Habitat, and Recreation Subtotal =				\$10,180,000	
Subd. 5 Water Resources (9 projects/subtotal = \$3,455,000)					
5a	Understanding Sources of Aquatic Contaminants of Emerging Concern	U of MN	Swackhamer, Deborah	\$640,000	Metro, SE
5b	Managing Mineland Sulfate Release in St. Louis River Basin	DNR	Berndt, Michael	\$270,000	NE
5c	Ecological Impacts of Effluent in Surface Waters and Fish	U of MN	Novak, Paige	\$340,000	Statewide
5d	Mapleton Area Agricultural and Urban Runoff Water Quality Treatment Analysis	Blue Earth County Drainage Authority	Austinson, Craig	\$485,000	SE

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5e	Assessing Septic System Discharge to Lakes	U.S. Geological Survey, MN Dept. of Health, St. Cloud State University	Kiesling, Richard	\$594,000	Statewide
5f	Evaluation of Dioxins in Minnesota Lakes	U of MN	Arnold, William	\$264,000	Statewide
5g	Assessment of Shallow Lake Management	DNR	Hanson, Mark	\$262,000	Statewide
5h	Assessing Cumulative Impacts of Shoreline Development	U of MN	Vondracek, Bruce	\$300,000	Statewide
5i	Predicting and Mitigating Vulnerability of Trout Streams	U of MN	Ferrington, Leonard	\$300,000	SE
Subd. 5 Water Resources Subtotal =				\$3,455,000	
Subd. 6 Aquatic and Terrestrial Invasive Species (4 projects/subtotal = \$1,470,000)					
6a	Biological Control of European Buckthorn and Garlic Mustard	DNR	Skinner, Luke	\$300,000	Statewide
6b	Ecological and Hydrological Impacts of Emerald Ash Borer	U of MN	D'Amato, Anthony	\$636,000	Statewide
6c	Healthy Forests to Resist Invasion	U of MN	Reich, Peter	\$359,000	Statewide
6d	Bioacoustic Traps for Management of Round Goby	UMD	Mensingher, Allen	\$175,000	NE
Subd. 6 Aquatic and Terrestrial Invasive Species Subtotal =				\$1,470,000	
Subd. 7 Renewable Energy (5 projects/subtotal = \$3,364,000)					
7a	Algae for Fuels Pilot Project	U of MN	Ruan, Roger	\$900,000	Statewide
7b	Sustainable Biofuels: Impacts of Climate Change and Management	U of MN	Tilman, David	\$221,000	Statewide
7c	Linking Habitat Restoration to Bioenergy and Local Economies	DNR	Spears, Barb	\$600,000	Central, Metro, SE

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7d1 7d2 7d3 7d4 7d5 7d6	Demonstrating Sustainable Energy Practices at Residential Environmental Learning Centers (RELCs)	Audubon Center of the North Woods Deep Portage Learning Center Eagle Bluff Environmental Learning Center Laurentian Environmental Learning Center Long Lake Conservation Center Wolf Rige Environmental Learning Center	Bryan Wood Dale Yerger Deden, Joe Nick Temali Todd Roggenkamp Kimberly Skylander	\$1,500,000	Central, NE, SE
7e	Life Cycle Analysis of Options for Minnesota's Energy Needs	U of MN	Pollak, Melisa	\$143,000	Statewide
Subd. 7 Renewable Energy Subtotal =				\$3,364,000	
Subd. 8 Environmental Education (11 projects/subtotal = \$2,640,000)					
8a	Minnesota Conservation Apprenticeship Academy	BWSR	Woods, Steve	\$368,000	Statewide
8b	Engaging Students in Environmental Stewardship through Adventure Learning	Will Steger Foundation	Rom, Nicole	\$250,000	Statewide
8c	Youth Connection to Nature Through Digital Photography	DNR	Henderson, Carrol	\$160,000	Statewide
8d	Urban Wilderness Youth Outdoor Education	Wilderness Inquiry	Lais, Greg	\$557,000	Metro
8e	Urban Woodland Como Regional Park	City of Saint Paul	Ganje, Don	\$218,000	Metro
8f	Expanding Outdoor Classrooms at Minnesota Schools	DNR	Kerber, Amy Kay	\$300,000	Statewide
8g	Integrating Environmental and Outdoor Education in Grades 7-12	Dept. of Education	Aune, Beth	\$300,000	Statewide
8h	Project Get Outdoors	Project Get Outdoors, Inc.	Grover, Sara	\$15,000	SE
8i	Fishing: Cross Cultural Gateway to Environmental Education	Association for the Advancement of Hmong Women in MN	Vang, Ly	\$155,000	Metro, SE, SW
8j	Minnesota WolfLink	International Wolf Center	Nelson, Frances	\$193,000	NE

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8k	Online Field Trip of Minnesota River	MN State University - Mankato	Musser, Kimberly	\$124,000	Central, SE, SW
Subd. 8 Environmental Education Subtotal =				\$2,640,000	
OVERALL TOTAL =				\$26,029,000	

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The Legislative-Citizen Commission on Minnesota Resources (LCCMR) is recommending \$26,029,000 from the Environment and Natural Resources Trust Fund for 48 natural resource appropriations to the 2010 Minnesota Legislature. The recommendations came from the 2010 proposal process in which 240 proposals requesting a total of approximately \$163.8 million were received. After full consideration of all proposals received, on November 18, 2009 the LCCMR took action to recommend allocations to these 48 proposals. These recommendations ranged from full funding for the full proposal and dollar amount requested to partial funding for specific proposal elements and partial dollar amounts requested.

Subdivision	\$ Recommended (\$26,029,000)	Percentage of Total Recommendation
Subd. 3 Natural Resource Data and Information (11 Appropriations)	\$4,920,000	18.90%
Subd. 4 Land, Habitat, and Recreation (8 Appropriations ⁽¹⁾)	\$10,180,000	39.11%
Subd. 5 Water Resources (9 Appropriations)	\$3,455,000	13.27%
Subd. 6 Aquatic and Terrestrial Invasive Species (4 Appropriations)	\$1,470,000	5.65%
Subd. 7 Renewable Energy (5 Appropriations)	\$3,364,000	12.92%
Subd. 8 Environmental Education (11 Appropriations)	\$2,640,000	10.14%
TOTAL \$ RECOMMENDATION	\$26,029,000	

Fund Source

Environment and Natural Resources Trust Fund

\$26,029,000

(1) There are 8 appropriations which include 18 individual projects that are part of Subd. 4e "Minnesota's Habitat Conservation Partnership - Phase VI Supplemental" (14) and Subd. 4f "Metropolitan Conservation Corridors - Phase V Supplemental" (4).