

## 2018 Environment and Natural Resources Trust Fund Proposals Received - by Funding Priority Topic Area for FY19 Funding

For the FY 2018 and FY 2019 biennium (July 1, 2017 - June 30, 2019), approximately \$50.8 million is available each year (total = \$101,656,000) for funding from the Environment and Natural Resources Trust Fund. As of July 15, 2017, the Legislative-Citizen Commission on Minnesota Resources (LCCMR) received 217 proposals requesting a total of approximately \$183 million. This RFP process is for funding beginning July 1, 2018. Approximately \$45.7 million is remaining from the Environment and Natural Resources Trust Fund to be available to recommend for project funding from the Environment and Natural Resources Trust Fund (ENRTF). NOTE: \$5,089,000 of FY19 ENRTF funds were appropriated by the 2017 Legislature.

The LCCMR will be meeting on September 13-14 to select proposals to call in for a presentation. Proposal presentations are scheduled for September 26, 27, 28 and October 3, 4, and 5 (as needed).

ENRTF ID #	Last Name	First Name	Title	Organization	\$ Requested
<b>A. Foundational Natural Resource Data and Information (RECEIVED: 33 Proposals / Subtotal = \$21,011,461)</b>					
001-A	Setterholm	Dale	Minnesota Geological Survey Geologic Atlases for Water Resource Management Part-A	U of MN - MN Geological Survey	\$4,121,625
002-A	Putzier	Paul	County Geologic Atlas for Water Resource Sustainability Part-B	MN DNR	\$2,400,000
003-A	Peterson	Jeffrey	Providing Critical Water Quality Information for Lake Management	U of MN	\$477,000
004-A	Weiblen	George	Minnesota Biodiversity Atlas: Phase II Expansion	U of MN	\$496,000
005-A	Norris	Doug	Building a Long-Term Wetland Hydrology Monitoring Network	MN DNR	\$573,413
006-A	Windmuller-Campione	Marcella	Maximizing Wildlife, Water, and Productivity in Peatland Forests	U of MN	\$698,000
007-A	Jennelle	Christopher	Deer Movement Related to Potential CWD Prion Transmission	MN DNR	\$552,456
008-A	Montgomery	Rebecca	Safeguarding Red Pine Forest Health and Productivity	U of MN	\$420,000
009-A	Andersen	David	Minnesota Trumpeter Swan Migration Ecology and Conservation	U of MN	\$389,988
010-A	Hines	Nila	Improving Watershed Management by Modernizing Hydrography Data	MN DNR	\$1,277,727
011-A	Stapleton	Seth	Conserving Minnesota's Turtles through Research and Education	Minnesota Zoological Garden	\$364,000
012-A	Etterson	Julie	Forest Regeneration – Validating Operational Seed Zones	U of MN - Duluth	\$796,395

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013-A	Stanton	Daniel	Assessing Ecosystem Services Provided by Lichens and Mosses	U of MN	\$213,000
014-A	VanderWaal	Kimberly	An Early Warning System for Wildlife Health Threats: Using Wildlife Rehabilitation Data to Monitor Wildlife Health	U of MN	\$280,000
015-A	Daniel	Hernández	Restoring Prairie Biodiversity and Pollinator Habitat with Haying	Carleton College	\$458,362
016-A	Grinde	Alexis	Conservation of Minnesota's Forest Birds of Management Concern	U of MN - Duluth NRRI	\$613,998
017-A	Kinkel	Linda	Minnesota Soil Microbiomes: Foundational Database for Environmental Health	U of MN	\$924,000
018-A	Niemi	Gerald	Mapping Avian Movement in Minnesota	U of MN - Duluth NRRI	\$682,060
019-A	Karwan	Diana	Downstream Effects of Contemporary Forest Practices: Phase 2	U of MN	\$294,000
020-A	Knight	Joseph	Maintaining Minnesota's Natural Heritage by Monitoring Landscape Dynamics	U of MN	\$272,000
021-A	Reschke	Carol	Smart Mapping St. Louis River Estuary Habitats	U of MN - Duluth NRRI	\$301,000
022-A	Ferrington	Leonard	Variable Winter Thermal Regimes and Managing Trout Streams	U of MN	\$499,935
023-A	Kipfmueeller	Kurt	Four Centuries of Wildfire in Red Pine Forests	U of MN	\$257,316
024-A	Sadinski	Walt	Wetland-Biodiversity Vulnerabilities to Changes in Land-Use and Climate	U.S. Geological Survey	\$481,705
025-A	Garono	Ralph	Safeguarding Our St. Louis River Restoration Investment	U of MN - Duluth NRRI	\$378,949
026-A	Bump	Joseph	Statewide Wolf Survival Analysis to Build Management Capacity	U of MN	\$333,179
027-A	Jelinski	Nicolas	Foundational Assessment of Soil Health Metrics in Minnesota	U of MN	\$695,477
028-A	Bruse	Tanner	Cover Crops for Wildlife Phase I	Pheasants Forever Inc	\$346,720

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029-A	Kramar	David	Monitoring and Mapping of Mercury in Western Minnesota	Minnesota State University - Moorhead	\$489,376
030-A	Duncan	Nancy	Data Acquisition to Develop Native Mussel Habitat Suitability	National Park Service	\$309,778
031-A	Horgan	Brian	Measuring the Impact of Perennial Urban Green Space Management on Soil Ecosystems	U of MN	\$177,346
032-A	Sarnath	Ramnath	Automated Boulevard Tree Inventory and Urban Forest Management	St. Cloud State University	\$154,656
033-A	Magner	Joe	Tracking and Communicating Ice Safety	U of MN	\$282,000
<b>B. Water Resources (RECEIVED: 65 Proposals / Subtotal = \$32,197,134)</b>					
034-B	Coletti	Filippo	Removing Plastic Particle Pollution from Minnesota Water Bodies	U of MN	\$388,557
035-B	Peck	Joel	Wastewater Treatment Plant Optimization Pilot Program	Minnesota Pollution Control Agency	\$236,360
036-B	Bushley	Kathryn	Phosphorus Accumulating Fungi to Control Agricultural Runoff Pollution	U of MN	\$361,000
037-B	Gulliver	John	Investigation of Road Salt Alternatives and Pavement Innovations	U of MN	\$521,999
038-B	Behrens	Sebastian	Biological Sulfate Removal for Wastewater Treatment in Minnesota	U of MN	\$494,000
039-B	Singer	Randall	Defining Minnesota's Environmental Antibiotic and Antibiotic Resistance Footprint	U of MN	\$921,584
040-B	Hondzo	Miki	Promoting Nitrogen Removal in Channels, Floodplains, and Riparian Areas	U of MN	\$390,641
041-B	Schoenfuss	Heiko	Contaminant Removal Efficiency of Urban Stormwater Treatment Ponds	St. Cloud State University	\$377,588
042-B	Bramburger	Andrew	Rapid Detection of Algal Toxins in Minnesota Lakes	U of MN - Duluth NRRI	\$686,013
043-B	Groten	Joel	Hydroacoustic Monitoring to Understand Sediment Impacts - Phase 2	U.S. Geological Survey	\$328,640
044-B	Janke	Benjamin	Wetland Contribution to Methylmercury Pollution of Surface Waters	U of MN	\$567,604

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045-B	Ng	G.-H. Crystal	Developing a Map of Arsenic Risk in Groundwater	U of MN	\$550,000
046-B	Rosen	Carl	Improving Agricultural Sustainability on Irrigated Sandy Soils	U of MN	\$470,000
047-B	Trost	Jared	Natural Denitrification: Helping and Hiding Drinking Water Problems	U. S. Geological Survey	\$664,000
048-B	Cui	Tianhong	Small Cheap Purification System for Cleaner Drinking Water	U of MN	\$496,788
049-B	Gilkeson	John	Bounty and Outreach Program for Enhanced Recovery of Unwanted Mercury	Minnesota Pollution Control Agency	\$467,000
050-B	Novak	Paige	Linking Food, Energy, and Water for Resource Recovery	U of MN	\$941,600
051-B	Valentas	Kenneth	Hydrochars to Remove Nitrates from Agricultural Drainage	U of MN	\$359,000
052-B	Guzina	Bojan	Characterizing Fractured Bedrock to Assess Pollution Risk to Groundwater	U of MN	\$330,000
053-B	Downing	John	Rise and Fall of Superior: Water and Security	U of MN	\$406,000
054-B	LaPara	Timothy	Emerging Pathogens in Lakes, Rivers, and Tap Water	U of MN	\$355,244
055-B	Jordan	Nicholas	Working Farmlands: Targeting Alfalfa Production for Water Protection	U of MN	\$752,913
056-B	Lewandowski	Ann	Water Quality through Capture/Use of Agricultural Runoff	U of MN	\$600,000
057-B	Peterson	Heidi	Preventing Nitrate Contamination of Groundwater Using Perennial Grains	Minnesota Department of Agriculture	\$759,312
058-B	Gulliver	John	Preventing Lake and Stream Pollution from Stormwater Ponds	U of MN	\$535,740
059-B	Lin	Hongjian	Developing Nutrient Separation Systems for Livestock Environmental Sustainability	U of MN	\$304,000
060-B	Santelli	Cara	Improving Water Quality by Capturing Sulfate in Wetlands	U of MN	\$578,000

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061-B	Barney	Brett	Natural Nitrogen Fertilizer Production with Low-Runoff Potential	U of MN	\$727,000
062-B	Kozarek	Jessica	Re-Connecting Fish Habitat at Road-Stream Crossings	U of MN	\$474,689
063-B	Larkin	Daniel	Benefits of Lake Plant Diversity for Water Quality	U of MN	\$463,113
064-B	Robertson	Stephen	Unregulated Contaminants: Addressing Gaps in Drinking Water Protection	Minnesota Department of Health	\$2,107,920
065-B	Hansen	Amy	Lake Restoration: Benefits and Duration in Agricultural Landscapes	U of MN	\$459,356
066-B	Lee	Sungyon	Predicting Impact of Oil Spill in Minnesota Lakes	U of MN	\$394,948
067-B	Sivaprakasam	Kannan	Innovative Technology to Remove Nitrate from Surface Water	St. Cloud State University	\$173,847
068-B	Zamalloa	Carlos	Rural Wastewater Treatment: Water Reuse and Energy Production	U of MN	\$297,000
069-B	Barney	Brett	Microbial Transformation of Plastics in Minnesota Waters	U of MN	\$506,000
070-B	Ishii	Satoshi	Nutrient Removal and Recovery Technology for Agricultural Drainage	U of MN	\$880,000
071-B	Jones	Daniel	Sulfide Mineral-Eating Microbes to Improve Water Quality	U of MN	\$339,667
072-B	Kohno	Satomi	Increasing Contaminants and Temperature Eliminate Minnesota Turtles	St. Cloud State University	\$248,632
073-B	Nieber	John	How Rapidly can Groundwater Quality be Improved?	U of MN	\$716,000
074-B	Reavie	Euan	Minnesota's Coldwater Fish Decline: Causes and Solutions	U of MN - Duluth NRRRI	\$789,021
075-B	Strack	Otto	Water Saving Subsurface Irrigation to Reduce Contamination	U of MN	\$93,391
076-B	Strack	Otto	Protecting Fish Habitat in Streams From Groundwater Withdrawal	U of MN	\$93,391

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077-B	Edlund	Mark	Establishing Priorities for Restoring Minnesota's Nutrient-Impaired Lakes	Science Museum of Minnesota	\$375,000
078-B	Johnson	Nathan	How does Iron Protect Wild Rice from Sulfate?	U of MN - Duluth	\$401,142
079-B	Heger	Sara	Determining the Impact of Microfibers on Septic System Performance	U of MN	\$367,000
080-B	Bezada	Maximiliano	Non-Invasive, Cost-Effective Investigation of Groundwater Resources	U of MN	\$93,783
081-B	Ebtehaj	Ardeshir	Web-GIS for Satellite Monitoring of all Minnesota Lakes	U of MN	\$393,506
082-B	Ostlund	Aaron	Water Quality Benefits of Red River Basin Impoundments	Red River Basin Commission	\$495,042
083-B	Wells	M. Scott	Incentivizing Oilseed Cash Covercrops for Water Quality Improvement	U of MN	\$1,320,000
084-B	Zimmer	Kyle	Reducing Water Nitrogen to Restore Minnesota Lakes	University of St. Thomas	\$362,000
085-B	Knoll	Lesley	Assessing Water Quality in Mississippi Headwaters Region Lakes	U of MN	\$406,200
086-B	Ebtehaj	Ardeshir	Optimal Configuration of Windbreaks for Agricultural Water Conservation	U of MN	\$368,614
087-B	Karwan	Diana	Sediment Impairments in Northern Minnesota Non-Agricultural Streams	U of MN	\$335,000
088-B	Khodursky	Arkady	Maximizing Water Safety against Antibiotic Resistance	U of MN	\$350,000
089-B	Ruan	Roger	Polycyclic Aromatic Hydrocarbons Abatement using Non-Thermal Plasma Technology	U of MN	\$820,000
090-B	Feinberg	Joshua	Determining which Iron Minerals Remove Phosphorous from Stormwater	U of MN	\$384,591
091-B	Yang	Ce	Better Fertilizer Management to Prevent Further Water Contamination	U of MN	\$392,000

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092-B	Bergee	Anton	Geospatial Airborne Sensor Survey to Manage Water Resources	Northland Community and Technical College	\$999,768
093-B	Peterson	Daryl	A Landscape Conservation Design for the Lower St. Louis River	Minnesota Land Trust	\$397,000
094-B	Christensen	Courtney	ShellRock River Watershed Stormwater Quality Trading Pilot Program	Shell Rock River Watershed District	\$350,000
095-B	Current	Dean	Guidelines for Sustainable Biomass Production for Multiple Benefits	U of MN	\$192,000
096-B	Julius	Matthew	Creating a Algal Toxin Alert Network for Central and Upper Minnesota	St. Cloud State University	\$154,630
097-B	Trappe	Jon	A Multi-Faceted Approach Towards Reducing Nitrogen Inputs and Loss in Urban Landscapes	U of MN	\$284,300
098-B	Current	Dean	Farmer Generated Water Quality Solutions	U of MN	\$348,000
<b>C. Environmental Education (RECEIVED: 33 Proposals / Subtotal = \$12,581,000)</b>					
099-C	Legato	Denise	Increasing Diversity in Environmental Careers: Fellowships, Internships, Mentorships	MN DNR	\$1,000,000
100-C	Potter	Caitlin	Providing Enduring Ecology Experiences for all Minnesota Middle-Schoolers	U of MN - Cedar Creek Ecosystem Science Reserve	\$308,000
101-C	Lenczewski	John	Connecting Students with Watersheds through Hands-on Learning	Minnesota Trout Unlimited	\$581,270
102-C	Evans	Elaine	Pollinator Ambassadors for Urban Gardens	U of MN	\$421,431
103-C	Raber	Carrie	Online Modules Build Local Capacity to Protect Groundwater	Minnesota Department of Health	\$335,000
104-C	Heitkamp	Barbara	The SAFL Summer Experience	U of MN	\$158,069
105-C	Buck	Wiley	Engaging a Diverse Public in Ecological Restoration	Great River Greening	\$383,600
106-C	Foster	Shelli-Kae	YES! Students Take on Minnesota Water Quality Challenge	Prairie Woods Environmental	\$213,700

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107-C	Scholl	Laura	Blue Thumb Pollinator Plantings Connecting Regional Population Centers	Metro Blooms	\$321,034
108-C	Thomas	Steve	Preserve Resources by Expanding the State's Reuse Sectors	ReUSE Minnesota	\$363,910
109-C	Bakken	Timothy	Phase 2 Prairie Sportsman Statewide Environmental Education Project	Pioneer Public Television	\$300,000
110-C	Mattson	Nicole	Unlocking the Science of Minnesotas Moose Decline	Minnesota Zoological Garden	\$300,000
111-C	Poppleton	Kristen	Youth Convening Minnesota	Climate Generation: A Will Steger Legacy	\$300,000
112-C	Holger	Sara	Get Outdoors After School!	Project Get Outdoors Inc	\$30,000
113-C	Musser	Kimberly	Minnesota River Education Model: Connecting Students to Watersheds	Minnesota State University - Mankato, Water Resources Ctr	\$248,582
114-C	Yakub	Mohamed	Integrating Environmental Science Research in High School Education	U of MN	\$445,000
115-C	Carlson	Stephan	Students Using Local Phenology Contributes to Citizen Science	U of MN	\$224,000
116-C	Knight	Joseph	Strengthening Natural Resources Management with Drone Training	U of MN	\$132,000
117-C	Liu	Zengqiang	Digital Watershed Simulator for K-12 Education and Outreach	St. Cloud State University	\$314,489
118-C	Poppe	Steven	Morris Prairie Pollinator Demonstration and Education	U of MN	\$681,000
119-C	Ceurvorst	Robyn	Minnesota River Water Quality Education	Minnesota State University - Mankato	\$65,000
120-C	Pulscher	MaryLynn	Expanding Nature Knowledge and Experience in North Minneapolis	Minneapolis Parks and Recreation Board	\$865,000
121-C	Suss	Ted	River Watch on the Minnesota River	Friends of the Minnesota Valley	\$103,000
122-C	Arlt	Timothy	Online Training for Front Line Water Quality Protectors	U of MN	\$322,175



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123-C	Tonko	Jennifer	Customized Water Education Combining Stories, Histories, and Science	Minnesota Humanities Center	\$427,215
124-C	Tiffin	Peter	Market Science: Connecting Minnesotans with Environmental Research	U of MN	\$236,165
125-C	Wackett	Lawrence	RAPID: Google for the Environment	U of MN	\$228,000
126-C	Justen	Emilie	Dangerous Plant Guides: How to Recognize and React	Minnesota Department of Agriculture	\$138,380
127-C	Kline	David	Preparing Minnesotans for Changes in Wolf Management	International Wolf Center	\$1,200,000
128-C	Kraus	Alan	Farm Based Environmental Education: Studies Measuring Altered Hydrology	Cannon River Watershed Partnership	\$206,199
129-C	Meschke	Linda	Managing Soil Quality for Ecosystem Services & Productivity	Rural Advantage	\$1,451,404
130-C	Waters	Amy	Aquatic Education & Outreach Programs: Engaging 6,000 Students	Aquatic Research & Conservation Society, Inc	\$52,477
131-C	WhiteEagle	Ann	Native Plant Education/Implementation Benefitting Pollinators and Water	Ramsey Conservation District	\$224,900
<b>D. Aquatic and Terrestrial Invasive Species (RECEIVED: 25 Proposals / Subtotal = \$31,581,850)</b>					
132-D	Venette	Robert	Minnesota Invasive Terrestrial Plants and Pests Center 4	U of MN	\$7,000,000
133-D	Merkes	Christopher	Developing RNA Interference Genetic Controls for Zebra Mussels	U.S. Geological Survey	\$769,528
134-D	Sorensen	Peter	An Effective and Practical Invasive Carp Deterrent	U of MN	\$998,000
135-D	Abrahamson	Mark	Slow the Spread of the Emerald Ash Borer	Minnesota Department of Agriculture	\$14,689,500
136-D	Mensingher	Allen	Sound Gradient for Acoustic Deterrence of Bigheaded Carp	U of MN - Duluth	\$396,310
137-D	Sadowsky	Michael	Fish on a Chip: An AIS Detection Platform	U of MN	\$399,000

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138-D	Ambourn	Angie	Monitoring and Biocontrol of Brown Marmorated Stink Bug	Minnesota Department of Agriculture	\$199,224
139-D	Heathcote	Adam	Determining Minnesota's Risk of a Toxic Algal Invader	Science Museum of Minnesota - St. Croix Research Station	\$243,000
140-D	Tiffin	Peter	Stopping Invasive Species by Attacking from Below	U of MN	\$491,515
141-D	Chandler	Monika	Palmer Amaranth Detection and Eradication Continuation	Minnesota Department of Agriculture	\$431,200
142-D	Cotner	James	Using CO2 to Kill Undesirable Fish including Carp	U of MN	\$470,000
143-D	Elias	Mikael	Innovative and Ecological Coatings to Mitigate Invasive Species	U of MN	\$321,500
144-D	Karschnia	Maggie	Accelerated Watershed Approach to Invasive Carp Management	Prior Lake-Spring Lake Watershed District	\$342,796
145-D	Dieterman	Doug	River Food Webs with and without Invasive Carp	MN DNR	\$495,000
146-D	Amberg	Jon	New Tools for Fight Against Zebra Mussels	U. S. Geological Survey	\$539,323
147-D	Burks	Susan	Terrestrial Invasive Plant Detection Methods for Forest Lands	MN DNR	\$300,000
148-D	Waller	Diane	Integrating Control of Zebra Mussels and Aquatic Vegetation	U. S. Geological Survey	\$251,310
149-D	Russell	Matthew	Testing a New Method for Eradicating Dwarf Mistletoe	U of MN	\$352,000
150-D	Marko	Michelle	Development of Predictive Tools for AIS Management	Concordia College	\$331,644
151-D	Burks	Susan	Boot Brush Use to Prevent Spreading Invasive Species	MN DNR	\$267,208
152-D	Windels	Steve	Evaluate Control Methods for Invasive Hybrid Cattails	Voyageurs National Park	\$131,920
153-D	Pahs	Steven	Circle Lake Wild Rice Restoration and Carp Management	Rice SWCD	\$594,985

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154-D	Peterson	Jason	Invasive Species Wash Site Innovation, Improvements, and Standards	MN DNR	\$908,023
155-D	McEwen	Daniel	Controlling Densities of Zebra Mussels in Infested Lakes	Limnopro Aquatic Science, Inc	\$428,864
156-D	Terrill	Tim	Minnesota Traditions Newspaper AIS Awareness Campaign	Mississippi Headwaters Board	\$230,000
<b>E. Air Quality, Climate Change, and Renewable Energy (RECEIVED: 20 Proposals / Subtotal = \$13,974,044)</b>					
157-E	Reese	Michael	Agricultural Weed Control Using Robots	U of MN - Morris	\$600,000
158-E	Kortshagen	Uwe	Clean Electricity from Solar Windows	U of MN	\$458,494
159-E	Anderson	Ellen	Community-Scale Energy Storage Guide for Renewable Energy	U of MN	\$625,478
160-E	Cui	Tianhong	Cheap Solar Energy from Simple Roll-to-Roll Manufacturing	The University of Minnesota	\$388,852
161-E	Cui	Tianhong	Cheap Efficient Air Filter to Remove Organic Compounds	U of MN	\$386,187
162-E	Marr	Jeffrey	Lowering Costs of Solar Energy in Minnesota	U of MN	\$410,692
163-E	Hu	Bo	A Solar-Powered Electrochemical System for Sulfide Removal	U of MN	\$435,000
164-E	Swaggert	Nick	Phase II- Reduce Solid Waste and Greenhouse Gas Emissions	The NetWork for Better Futures (D/B/A) Better Futures Minnesota	\$1,151,931
165-E	Randolph	Jimmy	Field Testing/Demonstration of Novel Groundsource Heat Pump	U of MN	\$174,757
166-E	Walsh	Kayla	Life Cycle Analysis of Anaerobic Digestion and Organics	Minnesota Pollution Control Agency	\$250,000
167-E	Wang	Ping	Electrically Switchable Adsorption of PAHs on Renewable Cellulosic Nano Carbon Materials for Mitigation of Airborne Pollutants	U of MN	\$202,000
168-E	Baker	Lawrence	Optimizing Food Waste Reduction throughout Minnesota	U of MN	\$999,000

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169-E	Randolph	Jimmy	Bringing Geothermal Power to MN: CO2 Power-System Test	TerraCOH Inc.	\$315,250
170-E	Sinko	John	Color-Change Solar Coating for Residential Energy Savings	St. Cloud State University	\$151,306
171-E	Claussen	Anna	Capacity Building for Rural Resource Management Implementation	Institute for Agriculture and Trade Policy	\$655,424
172-E	Myers	Sandra	Developing Innovative Mercury Capture Technology for Crematoria Emissions	U of MN	\$435,984
173-E	Chatmas	Bob	Diverting Prepared Food from Landfills, Reducing Greenhouse Gases	Second Harvest Heartland	\$478,000
174-E	Weber	Mark	Production and Utilization of Biomass: St. Louis County	St. Louis County Land & Minerals Dept	\$3,999,300
175-E	Droessler	William	Stove Swap: Improving Air and Health; Avoiding Violations	Environmental Initiative	\$1,008,389
176-E	Chatmas	Bob	Keeping Groceries from Landfills to Reduce Greenhouse Gases	Second Harvest Heartland	\$848,000
<b>F. Methods to Protect, Restore, and Enhance Land, Water, and Habitat (RECEIVED: 22 Proposals / Subtotal = \$30,965,697)</b>					
177-F	Lonsdorf	Eric	Identifying Pollinator Conservation Areas in Minnesota Prairie Parklands	U of MN	\$552,100
178-F	Henderson	Carrol	Nongame Wildlife Program Acceleration	MN DNR	\$2,000,000
179-F	Remucal	David	Preserving and Restoring Minnesota's Native Orchids – Phase 2	U of MN	\$468,000
180-F	Schottler	Shawn	Show Me the Money: 10 Markets for Perennials	Science Museum of Minnesota - St. Croix Research Station	\$347,500
181-F	Walker	Michele	Restoration Strategies for Ditched Peatland SNA - Phase II	MN DNR	\$460,294
182-F	Quinn	Edward	Restoring Minnesota's Forests in State Parks	MN DNR	\$432,240
183-F	Wickert	Andrew	Sediment Hazards to Trout in Southeast Minnesota Streams	U of MN	\$337,000

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184-F	Ulrich	Jason	Repurposing Unprofitable Cropland: Water and Wildlife's Silver Bullet?	Science Museum of Minnesota - St. Croix	\$319,063
185-F	Guala	Michele	Advancing Streambank Protection Systems	U of MN	\$286,426
186-F	Larson	Danelle	Restoring Wetland Invertebrates to Revive Wildlife Habitat	MN DNR	\$417,895
187-F	Huckett	Steven	Implementing Novel Market-based Methods for Urban Habitat Restoration	Great River Greening	\$499,900
188-F	Pagliari	Paulo	Converting Agricultural Wastes into Energy, Polymers, and Fertilizers	U of MN	\$949,000
189-F	Slesak	Robert	Increasing Timber Availability and Habitat with Soil Management	U of MN	\$396,000
190-F	Rhees	Suzanne	Working Conservation Lands for Grazing, Harvest, and Habitat	Board of Water and Soil Resources	\$315,000
191-F	Haines	Dustin	Are We Turning Wild Prairie Plants into Crops?	U of MN - Duluth	\$555,441
192-F	Shen	Lian	Floating Mini-Gardens for Shoreline Protection and Wetland Restoration	U of MN	\$310,753
193-F	Warren	Natalie	Preserving Natural Shoreline on the St. Croix River	St.Croix River Association	\$128,520
194-F	Rickert	Dave	MN CREP for Water Quality and Habitat	Board of Water and Soil Resources	\$20,000,000
195-F	Pagliari	Paulo	Replacing Plastic Cover in Vegetable Production with BioMulch	U of MN	\$310,000
196-F	Voit	Jan	Okabena Creek Water Quality and Flood Protection Demonstration	Heron Lake Watershed District	\$720,565
197-F	Marchetto	Peter	Hearing the Cry of the Loon	U of MN	\$580,000
198-F	Marchetto	Peter	Saving Our Mosquito-Eaters: Management of White-nose Syndrome	U of MN	\$580,000
<b>G. Land Acquisition for Habitat and Recreation (RECEIVED: 18 Proposals / Subtotal = \$40,157,964)</b>					
199-G	Booth	Peggy	SNA Habitat Restoration, Public Engagement, and Strategic Acquisition	MN DNR	\$6,760,265

**2018 Environment and Natural Resources Trust Fund Proposals Received - by Funding Priority Topic Area for FY19 Funding**

ENRTF ID #	Last Name	First Name	Title	Organization	\$ Requested
200-G	Christie	Jennifer	Minnesota State Parks and State Trails Land Acquisition	MN DNR	\$5,000,000
201-G	Mularie	Audrey	Local Parks, Trails and Natural Area Grants	MN DNR	\$3,000,000
202-G	Skaar	Kent	Minnesota State Trails - Development and Enhancement	MN DNR	\$5,000,000
203-G	Schulte	Judy	Private Native Prairie Conservation through Native Prairie Bank	MN DNR	\$4,535,000
204-G	Kill	Karen	Browns Creek 40 Acre Acquisition	Browns Creek Watershed District	\$350,000
205-G	Manzoline	Robert	Mesabi Trail, County Road 88 to Ely Segment	St. Louis & Lake Counties Regional Railroad Authority	\$600,000
206-G	Smith	Stacy	State Park and Trail Integrated Public Information System	MN DNR	\$3,984,142
207-G	Illg	Jerome	Harmony State Trail Extension Land Acquisition	City of Harmony	\$235,000
208-G	Owens	Jay	Mississippi Blufflands State Trail - Red Wing Riverfront	City of Red Wing	\$920,000
209-G	Caneff	Denny	Superior Hiking Trail Enhancement Plan	Superior Hiking Trail Association	\$100,200
210-G	Taylor	Sara	Bayport St. Croix Conservation Initiative	City of Bayport	\$550,000
211-G	West	Lisa	Improving Hydrologic Resilience in Rural Dakota County	Dakota County	\$1,960,000
212-G	Mork	Laird	Swedish Immigrant Trail Segment within Interstate State Park	Chisago County Environmental Services	\$2,254,665
213-G	Doty	Josh	A Local-State-Federal Partnership Protects multiple public benefits on the Mississippi River	City of Baxter	\$700,000
214-G	Thoreen	Jim	Mississippi Riverfront Redevelopment Project	City of Brainerd	\$1,000,000
215-G	Barrick	Melissa	Prioritize and Target North-Central Minnesota Lakes for Protection	Crow Wing SWCD	\$1,492,500

**2018 Environment and Natural Resources Trust Fund Proposals Received - by Funding Priority Topic Area for FY19 Funding**

ENRTF ID #	Last Name	First Name	Title	Organization	\$ Requested
216-G	Forstner	Michael	East Fork Des Moines River Wetland Restoration	Martin County Drainage Authority	\$1,716,192
<b>H. Other (RECEIVED: 1 Proposals / Subtotal = \$135,000)</b>					
217-H	Sherman-Hoehn	Katherine	Contract Agreement Reimbursement	MN DNR	\$135,000