

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

217 proposals requesting a total of approximately \$183 million were received. This RFP process is for funding available beginning July 1, 2018. For that period, approximately \$45 million from the Environment and Natural Resources Trust Fund is currently expected to be available to recommend for project funding. The LCCMR reviewed, evaluated, and ranked all proposals received. On September 13, 2017, the LCCMR selected 101 proposals to receive further consideration and to invite to present before the Commission. Proposal presentations for those invited are scheduled to occur September 26, 27, and 28 and October 3, 4, and 5.

Selected to Present	ENRTF ID #	Last Name	First Name	Title	Organization	\$ Requested
<b>A. Foundational Natural Resource Data and Information (RECEIVED: 33 Proposals / Subtotal = \$21,011,461; SELECTED TO PRESENT: 20 proposals/subtotal = \$15,738,794)</b>						
X	001-A	Setterholm	Dale	Minnesota Geological Survey Geologic Atlases for Water Resource Management Part-A	U of MN - MN Geological Survey	\$4,121,625
X	002-A	Putzier	Paul	County Geologic Atlas for Water Resource Sustainability Part-B	MN DNR	\$2,400,000
X	003-A	Peterson	Jeffrey	Providing Critical Water Quality Information for Lake Management	U of MN	\$477,000
X	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
X	006-A	Windmuller-Campione	Marcella	Maximizing Wildlife, Water, and Productivity in Peatland Forests	U of MN	\$698,000
X	007-A	Jennelle	Christopher	Deer Movement Related to Potential CWD Prion Transmission	MN DNR	\$552,456
X	008-A	Montgomery	Rebecca	Safeguarding Red Pine Forest Health and Productivity	U of MN	\$420,000
X	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
X	011-A	Stapleton	Seth	Conserving Minnesota's Turtles through Research and Education	Minnesota Zoological Garden	\$364,000
X	012-A	Etterson	Julie	Forest Regeneration – Validating Operational Seed Zones	U of MN - Duluth	\$796,395
X	013-A	Stanton	Daniel	Assessing Ecosystem Services Provided by Lichens and Mosses	U of MN	\$213,000
X	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

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X	015-A	Daniel	Hernández	Restoring Prairie Biodiversity and Pollinator Habitat with Haying	Carleton College	\$458,362
X	016-A	Grinde	Alexis	Conservation of Minnesota's Forest Birds of Management Concern	U of MN - Duluth NRRI	\$613,998
X	017-A	Kinkel	Linda	Minnesota Soil Microbiomes: Foundational Database for Environmental Health	U of MN	\$924,000
X	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
X	022-A	Ferrington	Leonard	Variable Winter Thermal Regimes and Managing Trout Streams	U of MN	\$499,935
	023-A	Kipfmueller	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
X	027-A	Jelinski	Nicolas	Foundational Assessment of Soil Health Metrics in Minnesota	U of MN	\$695,477
X	028-A	Bruse	Tanner	Cover Crops for Wildlife Phase I	Pheasants Forever Inc	\$346,720
	029-A	Kramar	David	Monitoring and Mapping of Mercury in Western Minnesota	Minnesota State University - Moorhead	\$489,376
X	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

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	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; SELECTED TO PRESENT: 18 proposals/subtotal = \$10,765,545)</b>						
X	034-B	Coletti	Filippo	Removing Plastic Particle Pollution from Minnesota Water Bodies	U of MN	\$388,557
X	035-B	Peck	Joel	Wastewater Treatment Plant Optimization Pilot Program	Minnesota Pollution Control Agency	\$236,360
X	036-B	Bushley	Kathryn	Phosphorus Accumulating Fungi to Control Agricultural Runoff Pollution	U of MN	\$361,000
X	037-B	Gulliver	John	Investigation of Road Salt Alternatives and Pavement Innovations	U of MN	\$521,999
X	038-B	Behrens	Sebastian	Biological Sulfate Removal for Wastewater Treatment in Minnesota	U of MN	\$494,000
X	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
X	041-B	Schoenfuss	Heiko	Contaminant Removal Efficiency of Urban Stormwater Treatment Ponds	St. Cloud State University	\$377,588
X	042-B	Bramburger	Andrew	Rapid Detection of Algal Toxins in Minnesota Lakes	U of MN - Duluth NRRRI	\$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
X	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
X	048-B	Cui	Tianhong	Small Cheap Purification System for Cleaner Drinking Water	U of MN	\$496,788

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	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
X	054-B	LaPara	Timothy	Emerging Pathogens in Lakes, Rivers, and Tap Water	U of MN	\$355,244
X	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
X	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
	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
X	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

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	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
X	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
X	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
	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

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	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
X	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
	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
X	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

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<b>C. Environmental Education (RECEIVED: 33 Proposals / Subtotal = \$12,581,000; SELECTED TO PRESENT: 17 proposals/subtotal = \$7,495,311)</b>						
X	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
X	101-C	Lenczewski	John	Connecting Students with Watersheds through Hands-on Learning	Minnesota Trout Unlimited	\$581,270
X	102-C	Evans	Elaine	Pollinator Ambassadors for Urban Gardens	U of MN	\$421,431
X	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
X	106-C	Foster	Shelli-Kae	YES! Students Take on Minnesota Water Quality Challenge	Prairie Woods Environmental Learning	\$213,700
	107-C	Scholl	Laura	Blue Thumb Pollinator Plantings Connecting Regional Population Centers	Metro Blooms	\$321,034
X	108-C	Thomas	Steve	Preserve Resources by Expanding the State's Reuse Sectors	ReUSE Minnesota	\$363,910
X	109-C	Bakken	Timothy	Phase 2 Prairie Sportsman Statewide Environmental Education Project	Pioneer Public Television	\$300,000
X	110-C	Mattson	Nicole	Unlocking the Science of Minnesotas Moose Decline	Minnesota Zoological Garden	\$300,000
X	111-C	Poppleton	Kristen	Youth Convening Minnesota	Climate Generation: A Will Steger Legacy	\$300,000
X	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

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X	114-C	Yakub	Mohamed	Integrating Environmental Science Research in High School Education	U of MN	\$445,000
X	115-C	Carlson	Stephan	Students Using Local Phenology Contributes to Citizen Science	U of MN	\$224,000
X	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
X	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
X	120-C	Pulscher	MaryLynn	Expanding Nature Knowledge and Experience in North Minneapolis	Minneapolis Parks and Recreation Board	\$865,000
X	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
	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
X	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



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	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; SELECTED TO PRESENT: 9 proposals/subtotal = \$24,709,051)</b>						
X	132-D	Venette	Robert	Minnesota Invasive Terrestrial Plants and Pests Center 4	U of MN	\$7,000,000
X	133-D	Merkes	Christopher	Developing RNA Interference Genetic Controls for Zebra Mussels	U.S. Geological Survey	\$716,207
X	134-D	Sorensen	Peter	An Effective and Practical Invasive Carp Deterrent	U of MN	\$998,000
X	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
X	138-D	Ambourn	Angie	Monitoring and Biocontrol of Brown Marmorated Stink Bug	Minnesota Department of Agriculture	\$199,224
X	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
X	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

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	146-D	Amberg	Jon	New Tools for Fight Against Zebra Mussels	U. S. Geological Survey	\$539,323
X	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
X	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
	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; SELECTED TO PRESENT: 7 proposals/subtotal = \$6,637,374)</b>						
X	157-E	Reese	Michael	Agricultural Weed Control Using Robots	U of MN - Morris	\$600,000
X	158-E	Kortshagen	Uwe	Clean Electricity from Solar Windows	U of MN	\$458,494
X	159-E	Anderson	Ellen	Community-Scale Energy Storage Guide for Renewable Energy	U of MN	\$625,478
X	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

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	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
X	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
X	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
X	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; SELECTED TO PRESENT: 16 proposals/subtotal = \$23,354,030)</b>						
	177-F	Lonsdorf	Eric	Identifying Pollinator Conservation Areas in Minnesota Prairie Parklands	U of MN	\$552,100

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X	178-F	Henderson	Carrol	Nongame Wildlife Program Acceleration	MN DNR	\$2,000,000
X	179-F	Remucal	David	Preserving and Restoring Minnesota's Native Orchids – Phase 2	U of MN	\$468,000
X	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
X	182-F	Quinn	Edward	Restoring Minnesota's Forests in State Parks	MN DNR	\$432,240
X	183-F	Wickert	Andrew	Sediment Hazards to Trout in Southeast Minnesota Streams	U of MN	\$337,000
X	184-F	Ulrich	Jason	Repurposing Unprofitable Cropland: Water and Wildlife's Silver Bullet?	Science Museum of Minnesota - St. Croix	\$319,063
X	185-F	Guala	Michele	Advancing Streambank Protection Systems	U of MN	\$286,426
X	186-F	Larson	Danelle	Restoring Wetland Invertebrates to Revive Wildlife Habitat	MN DNR	\$417,895
X	187-F	Huckett	Steven	Implementing Novel Market-based Methods for Urban Habitat Restoration	Great River Greening	\$499,900
X	188-F	Pagliari	Paulo	Converting Agricultural Wastes into Energy, Polymers, and Fertilizers	U of MN	\$949,000
X	189-F	Slesak	Robert	Increasing Timber Availability and Habitat with Soil Management	U of MN	\$396,000
X	190-F	Rhees	Suzanne	Working Conservation Lands for Grazing, Harvest, and Habitat	Board of Water and Soil Resources	\$315,000
X	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
X	194-F	Rickert	Dave	MN CREP for Water Quality and Habitat	Board of Water and Soil Resources	\$15,000,000

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

<b>Selected to Present</b>	<b>ENRTF ID #</b>	<b>Last Name</b>	<b>First Name</b>	<b>Title</b>	<b>Organization</b>	<b>\$ Requested</b>
X	195-F	Pagliari	Paulo	Replacing Plastic Cover in Vegetable Production with BioMulch	U of MN	\$310,000
X	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; SELECTED TO PRESENT: 13 proposals/subtotal = \$31,597,630)</b>						
X	199-G	Booth	Peggy	SNA Habitat Restoration, Public Engagement, and Strategic Acquisition	MN DNR	\$6,760,265
X	200-G	Christie	Jennifer	Minnesota State Parks and State Trails Land Acquisition	MN DNR	\$5,000,000
X	201-G	Mularie	Audrey	Local Parks, Trails and Natural Area Grants	MN DNR	\$3,000,000
X	202-G	Skaar	Kent	Minnesota State Trails - Development and Enhancement	MN DNR	\$5,000,000
X	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
X	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
X	207-G	Illg	Jerome	Harmony State Trail Extension Land Acquisition	City of Harmony	\$235,000
X	208-G	Owens	Jay	Mississippi Blufflands State Trail - Red Wing Riverfront	City of Red Wing	\$920,000
X	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

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<b>Selected to Present</b>	<b>ENRTF ID #</b>	<b>Last Name</b>	<b>First Name</b>	<b>Title</b>	<b>Organization</b>	<b>\$ Requested</b>
	211-G	West	Lisa	Improving Hydrologic Resilience in Rural Dakota County	Dakota County	\$1,960,000
X	212-G	Mork	Laird	Swedish Immigrant Trail Segment within Interstate State Park	Chisago County Environmental Services	\$2,254,665
X	213-G	Doty	Josh	A Local-State-Federal Partnership Protects multiple public benefits on the Mississippi River	City of Baxter	\$700,000
X	214-G	Thoreen	Jim	Mississippi Riverfront Redevelopment Project	City of Brainerd	\$1,000,000
X	215-G	Barrick	Melissa	Prioritize and Target North-Central Minnesota Lakes for Protection	Crow Wing SWCD	\$1,492,500
	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; SELECTED TO PRESENT: 1 proposals/subtotal = \$135,000)</b>						
X	217-H	Sherman-Hoehn	Katherine	Contract Agreement Reimbursement	MN DNR	\$135,000