

2016 Iron Range Earth Fest

Celebrating local traditions & practical resources for sustainable living

Welcome to Iron Range Earth Fest - where we seek answers to the question, "How can we meet the needs of today without compromising the abilities of future generations to meet their needs?"



Pay once - get stamped for entry into all 3 venues!

Kick-Off Event hosted by Congregations Caring for the Earth is on Friday the 22 at 6:30

"Walking the Talk: Stories from our Neighbors"

6:30 p.m. refreshments & conversation, 7:00 p.m. panel discussion

2016 SPEAKERS SCHEDULE (All sessions are 45 minutes unless noted)

Mountain Iron Community Center

- 9:30 Orr Recreation & Resource Center, Inc. (ORR Ctr.)
- 10:30 Small Business Development (AEOA)
- 11:30 Community Sustainability Initiative 2015 Contest Winners
- 12:30 The Threat of Aquatic Invasive Species Upon Our Waters
- 1:30 Local Entrepreneurship Panel & Conversation

Messiah Lutheran Church

- 9:30 Countering Climate Change in Northern MN and Around the World
- 10:30 Golden-winged Warbler Habitat Project
- 11:30 Hybrid Renewable Power Systems: Analysis of Feasibility and Design
- 12:30 Envision: A Rating Tool for Sustainable Infrastructure
- 1:30 Sew-Green Makeovers
- 1:30 (Greenhouse) Tour & Growing in a Greenhouse
- 2:30 Community Solar Gardens in the Northland

Merritt Elementary School

- 10:30 and 12:30 Phenology Hikes with John Latimer (Limit of 20 people per hike. Dress for weather)

Youth Activities

Start your own Garden, Local Archaeology, and Local Ecology Activities, Archery, and MORE!

Hosted by Cherry Greenhouse, Ely Folk School, Laurentian Environmental Center, Mesabi YMCA, MN Discovery Center, and Vermilion Community College.

SPONSORED BY



Barr Engineering • Essentia Health • Great River Energy • Northeast Minnesota Synod ELCA Creation Care Team • Silicon Energy • Timberjay • Minnesota Public Radio • Blue Cross/Blue Shield of Minnesota

Business North • Congregations Caring for the Earth • Holiday Inn Express & Suites of Mtn. Iron • Iron Mining Association of Minnesota • Laurentian Energy Authority • Virginia Community Education • Voyageurs Lutheran Ministry • Quad Cities Rotary

GREEN INNOVATORS EXPO

Merritt Elementary School Cafeteria

In partnership with the Range Engineering Council, this educational outreach program provides area youth with an opportunity to practice hands-on engineering and problem-solving skills. Grand Challenge: Reduce our reliance on non renewable resources by reducing our electrical consumption and by discovering innovative ways to generate and store electricity. Judging will take place from 10 AM to noon.



Support the IRPS Silent Auction!

A fantastic assortment of items will be on display in the Mtn. Iron Community Center and open for bidding from 9:00 a.m. to 2:00 p.m. All auction proceeds go to the Iron Range Partnership for Sustainability!

LIVE MUSIC!

Mtn. Iron Community Center & Merritt Elementary School

Christopher David Hanson Band
11 a.m. – 2 p.m. in the Merritt Elem. School Auditorium

Sharon Rowbottom & Dan Boyer
11 a.m. – 1 p.m. in the Mtn. Iron Community Center

Community Sustainability Initiative

Stop by Mountain Iron Community Center to check out the Community Sustainability Initiative (CSI) projects that were designed by people of all ages to address a sustainability problem in their community. Cast your vote for the best community project and People's Choice Award.

- 10 a.m. to 3 p.m. all projects on display
- People's Choice voting from 10 a.m. - 2 p.m.
- 2:30 p.m. The winning CSI projects will be announced and awarded \$500

The CSI contest awards are made possible by funds raised at the IRPS Silent Auction at Earth Fest

Local Foods at Earth Fest

Lunch at the Mtn. Iron Community Center from 11 a.m. to 3 p.m.

Natural Harvest Food Co-op (in Mountain Iron Community Center): Pulled Pork Sandwich (GF bread available)- Features pork from Balsam Lake Farms in Bovey, Vegan veggie sandwich (GF bread available), Asian Trout Pita (GF Teff wrap available)- Made with trout from Lake Superior, Cookies: GF Chocolate chip, GF macaroons

The Shop Coffeehouse (in Merritt Elementary School): Coffee/cold press/fresh squeezed Lemonade, array of pastries

For more information:

www.ironrangeearthfest.org

'16 Earth Fest Exhibitor Locations

Exhibitors and Vendors at each venue

Booth Location
 CC - Mountain Iron Community Center
 LC - Messiah Lutheran Church
 ME - Merritt Elementary School

All phone numbers are area code 218 unless noted otherwise

CC 1854 Treaty Authority www.1854treatyauthority.org 722-8907 Info on 1854 Treaty Authority organization & environmental practices. Promoting "Play, Clean, Go" to stop the spread of terrestrial invasive species.

CC AEOA www.aeo.org 749-2912 Literature on **AEOA housing** services will be provided.

CC AEOA Adult Education www.aeo.org 735-6834 AEOA's adult education resources & opportunities

LC Augustyn Artworks Pottery Studio & Gallery augustynartworks.etsy.com 245-0225 Stoneware & Horse Hair Pottery. Unique clay necklaces.

Outside **Balsam Lake Farms** www.balsam-lakefarms.com 259-7982 Bovey area farm selling meat, eggs and canned goods.

ME Bear Creek Acres www.bearcreekacres.com 290-9634, All natural pastured pork, chicken, beef, and eggs. No antibiotics or hormones. In the shop at the farm, we carefully create Adirondack chairs and more!

Outside **LC Big Timber Forestry Products** www.bigtimberproducts.com 612-219-4199, Forestry management equipment. Portable sawmills, urban branch loggers, wood-mizer, log splitters.

CC Bois Forte Heritage Museum www.boisforte.com/divisions/heritage_center.htm 753-6017 Informational brochures-Info on environment and wild rice. Promotional Items

ME Boreal Natives - A division of Prairie Restorations, Inc www.prairieresto.com; info@prairieresto.com Boreal Natives restores and manages native plant communities found in NE MN/NW WI. We produce local ecotype seed, plants, shrubs, and trees businesses, residences, and public sector organizations in the region.

ME Camp Invention - Range Engineering www.campinvention.org/2016-program/ 749-5437 ex. 1228 Information about the one-of-a-kind STEM summer enrichment day experience for children entering grades 1-6.

ME Cherry Greenhouse, Inc Facebook, email: cherrygreenhouse@wildblue.net 263-9304 Gardening plants, seeds, questions answered. Kids sprouting and planting activities.

CC Clean Energy Resource Teams (CERTS) www.cleanenergyresourceteams.org CERTs connects individuals and communities to resources to identify and implement community-based clean energy projects (conservation, efficiency, renewable technologies and practices homes, businesses, institutions).

LC Congregations Caring for the Earth and the NE MN Synod Creation Care Team Task Force ELCA Works with congregations who believe that we have a sacred mandate to reflect God's love for the world in promoting stewardship of the Earth. NE MN Synod CC: Nurturing a growing network that inspires our congregations and their members to live out God's call to be stewards of the Earth for the sake of the whole creation.

LC Cook Area Farmers Market Facebook 410-1248 Cook area farmers joined up to offer locally made & grown items to our community.

LC Early Frost Farms and Greenhouse www.earlyfrostfarms.com 208-7725 Early Frost Farms is a family farm and greenhouse in Embarrass, MN. We grow fruits, vegetables and produce, and farm fresh eggs and maintain bees, harvesting our first crop of honey in 2015.

ME Ely Field Naturalists www.elyfieldnaturalists.wordpress.com 235-8078 Develop educational resources and facilitate nature-related activities. Exhibit distributes materials and conversation.

ME Ely Folk School www.elyfolkschool.org 235-0138 Our mission is to build community by providing learning experiences that celebrate the wilderness heritage, art, history, culture, and craft of the people of northern MN.

LC Fat Chicken Farm www.fatchickenfarm.com 749-2186 Visit with a farm chicken, learn about our organic vegetable food share program, or just chat with a farmer! Fat Chicken Farm is a small organic vegetable farm in Embarrass.

ME Fiddlin' Fifty Gravel Grinder and Potluck Picnic <http://fiddlinfifty.blogspot.com> 404-5101 Adventure bicycling on the Range! Fun for all old enough for two wheels.

CC Friends of Sax-Zim Bog, Hawk Ridge Bird Observatory www.saxzim.org, www.hawkridgebirdobservatory.org

hawkridge.org 507-52-3151 My exhibit will contain information about the Sax-Zim Bog IBA, recent developments in FOSZB; there will also be a selection of items profiling HRBO

ME Friends of the Greenhouse Facebook, email: greenhousefriends@gmail.com Friends of the Greenhouse (FroG) will have information available about our organization, the greenhouse, and the benefits of membership.

LC George Erickson-Thorium Energy Alliance tundracub.com 744-2003 Text and images that illustrate the pluses and minuses of the various green forms of generating electricity.

ME Healthy Lifestyles www.terrihofsommer.myshaklee.com 750-1799 Shaklee Cleaners (Always Safe, Always Green, Always Works) Shaklee products I use, love, and sell - who believes nature holds the key to a long healthy life. #1 natural nutrition company in US with over 90 studies published in peer reviewed publications. Nutrition, cleaners (non-toxic), personal care, water products.

LC Hibbing Farmers Market and Floodwood River Farm hibbingfarmersmarket.org 403-1532 Information about Hibbing Farmers Market. We'll have maple syrup, vinegar, pickles, soap and sewn items for sale. Also honey from Bar Bell Bee Ranch. Promoting farmers market.

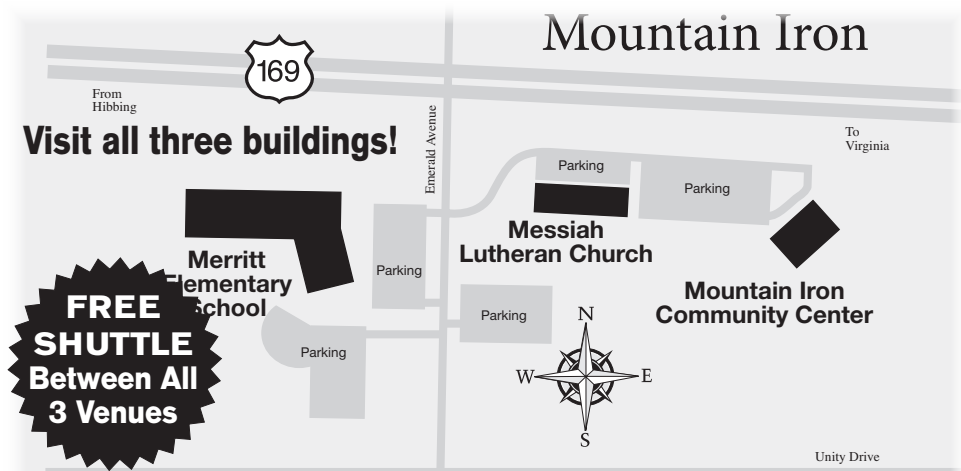
ME Lotus Corporation/Katherine's House www.lotus-mn.com 780-1315 Our mission and motto is Life through Opportunity, Trust, Understanding and Support. Our services promote an improved quality of life by establishing structure, developing self-worth in a positive and uplifting environment and guiding each individual to envision and embrace a positive outlook on the life ahead of them in this community and surrounding area.

CC Lyric Center for the Arts www.lyriccenteronline.org 741-5577 The Lyric Center for the Arts is working to renovate a historic opera house building while improving the cultural community through education and programming. The ACT III- Scene One phase of building renovation will rebuild the storefront, providing egress and accessibility necessary to continue renovations.

CC Madison Products, Inc www.window-bymadison.com 865-4577 Energy efficient windows and doors.

LC Mary's Productions LLC www.marymulari.com 229-2804 Creative sewing publications with makeover projects for recycling fabric.

ME Mesabi Family YMCA www.mesabiyymca.org Six kids games (minnow races, habitat/animal matching, etc.) and summer information on Y programming



CC Hometown Focus www.hometownfocus.us 741-0106 Hometown Focus and Discovery MN is a community driven, multimedia network consisting of Print-Online-Mobile & Tablet

CC Iron Range Engineering www.ire.mnscu.edu Iron Range Engineering Projects, Projects include: 3-D Toy Design (Wyatt Benson), a program that will allow students and/or community members to design and create toys for donation with modern tools, such as a laser cutter. Hybrid Renewable Power Systems (Katherine Rasley), an analysis of feasibility and designing a pump-storage hydroelectric power (PSH) system as a natural battery in the context of hybrid renewable power system design.

CC Iron Range Makerspace www.ironrange-makerspace.com, 966-1192 A business in development on the Iron Range in Northern MN which will provide a service to the community in the form of a co-working/business incubation space with access to equipment and shared ideas.

CC Iron Range Partnership for Sustainability www.irpsmn.org 320-295-1637 Community Sustainability Initiative & Silent Auction; IRPS facilitates collaboration towards a sustainable and thriving Iron Range.

CC Iron Rangers for GMO Labeling Facebook 410-1248 Iron Rangers for GMO Labeling is an organization highlighting peoples' right to know what is in their food.

LC Karl's Bread 750-1405 Artisan breads, bagels, ethnic breads and rolls.

ME Kivimökin Studio jmakimeyer@gmail.com Where clay is transformed into functional pottery by a local artist.

ME Laurentian Environmental Learning Center www.laurentiancenter.org 749-1288 LEC is a leader in environmental education on the Range.

ME Listening Point Foundation www.listeningpointfoundation.org Sigurd Olson Legacy materials-Books, CDs, DVDs, hand out materials.

LC Local Foods Project Facebook Iron Range Harvest Fest 2016 and other info.

LC Mesabi Humane Society www.mesabihumanesociety.org 741-7425 The mission of the Mesabi Humane Society is to promote humane treatment through sheltering, alteration, adoption and community education.

LC Messiah Lutheran Church Gardeners 735-8336 Hosting our annual coffee bar and goodies sale. The Community Kitchen will be giving tours and giving out information regarding its use.

ME Minnesota Discovery Center www.mn-discoverycenter.com 254-1238 Archaeology and Food: Come learn about Minnesota archaeology and what it can tell us about ancient diets.

CC Minnesota Farmers Union www.mfu.org 651-288-4064 A statewide family farm membership organization working on farming, food and agricultural and community issues.

CC Minnesota Power www.mnpower.com/powerofone 355-2843 Our energy conservation program offers rebates, tools, and incentives to help customers save energy.

CC Natural Harvest Food Co-op www.naturalharvestfoodcoop.com 744-4663 Learn about the Green Building Design for our expansion. Raffle Giveaways!

ME Naturally www.naturallymn.com 259-9735 Goat's milk soap, buckwheat hull pillows, organic, sustainable products.

CC North St. Louis Soil & Water Conservation District www.nslswcd.org 749-2000 Table top booth display: Soil/water conservation, aquatic invasive species, tree sale orders (May pick-up)

ME Northern Light Wellness morganlake14@yahoo.com 741-5015 Cutting edge biofeedback equipment that taps into your body's energy to heal itself-demonstrations.

CC Northern Minnesota SME www.north-ernmnsme.org 262-6866 Professional organization dedicated to member and public education

CC No. St. Louis Co. Habitat for Humanity www.nslchfh.org 749-8910 NSLCHFH builds homes to the MN green standard.

CC Organic Consumers Assoc www.organic-consumers.org 226-4164 Grassroots nonprofit campaigning for health, justice, & sustainability.

LC Organic Gold Black Dirt & The Dirt Lady Gardens Greenhouse & Treasure www.organicgoldblackdirt.com 741-0174 Black dirt, greenhouse, gift shop & antiques.

CC Orr Recreation and Resource Center www.orrcenter.com 780-5300 The Orr Recreation and Resource Center Inc. (Orr Center) is a newly-developed, community-centered non-profit organization fostering sustainability through events, projects, and programs

ME Pike River Crafts 254-5623 Birdhouses made from recycled wood. Knitted items from local wool--handspun. Birch bark stars and baskets.

ME Raven Productions, Inc www.ravenwords.com 343-7491 Made in Minnesota, using as few resources as possible. All of our books and cards and journals are made with paper that is FSC (Forest Stewardship Certified) and at least partially recycled.

CC ReGen ReGen on Facebook Attract & retaining diverse, young, and "young-at-heart" talent to the Range. Provide education, social events, community engagement opportunities to sustain strong ties between our citizens and the community.

LC Rice River Lamb Company www.ricriverlambcompany.com 750-1352 Small family farm growing vegetables, lamb, and beef organically in Angora.

CC Sierra Club www.northstar.sierraclub.org 612-659-9124 The Sierra Club The Sierra Club North Star Chapter is the leading grassroots voice to preserve and protect Minnesota's environment. At our booth, learn more about our mission to explore, enjoy, and protect the planet and take action to support clean energy.

CC Silicon Energy www.silicon-energy.com 789-1710 Silicon Energy locally manufactures high quality solar PV modules.

ME Skunk Creek Farm skunkcreekfarm.net 343-9060 Info packets on Brix testing produce for nutrient density, some root crops from last season--potatoes, carrots, and red beets.

CC Sportsmen's Club of Lake Vermilion www.sportsmensclublakevermilion.org Education on preventing the spread of aquatic invasive species (AIS), recognizing AIS, monitoring water quality, promoting sound shoreline and watershed practices, and improving our fishery.

CC St. Louis Co. Environmental Services www.stlouiscountymn.gov 749-0648 Provides solid waste and recycling programs. Network of 20 canister sites, 5 transfer stations, Regional Landfill and 47 recycling drop-off sites.

ME Superior National Forest www.fs.usda.gov/superior Learn about climate change and play woody owl, spin-the-wheel game.

LC Timbermaid Recycled Treasures 832-3196 Good made of recycled items 1. Rugs made of t-shirts. 2. Clocks made out of hubcaps. 3. Bird feeders made of recycled items.

CC UMD Center for Economic Development (UMDCED) and NE MN Small Business Development Center (SBDC) www.umdced.com 726-7298 Providing free services to entrepreneurs & small businesses to improve success.

ME Unwanted Electronics www.unwanted-electronics.com 466-2594 Local recycling business.

ME Up Scale Fish Taxidermy upscalefish@hotmail.com 390-1032 Taxidermy displays-information & handcrafted woodworking products to sell.

ME Vermilion Community College www.vcc.edu 235-2132 Minn-Aqua educational training, focused on 2-3rd graders and 4-5 graders.

CC Virginia Farmers' Market & the Rutabaga Project Virginia FM: virginiamarketsquare@gmail.com, Rutabaga Project: brian.bluhm@aeoa.org 735-6854 Info on new Virginia Farmers' Market (beginning summer '16). Overview of the Rutabaga Project, aimed at improving local and nutritious food access for the whole community.

LC Virginia Tennis and Pickleball www.virginiaindoortennisandpickleball.com 742-3429 Informational handouts.

ME Young Living Essential Oils www.sharescents.com 885-3760 Promoting toxic free products to support a healthy lifestyle.

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