B1. Bio-Fuels—Lanterns, Cooking/Heating Stoves, Small Engines, and Autos (Demo): Watch demonstrations showing and explaining how to use bio-fuels, where to find them, and why they are a viable alternative to petroleum fuels and their derivatives. Demos include Coleman-type lamp, lawn mower adjustment with duct tape, fuel injected gasoline engine, and micro-scale fuel grade ethanol still. Jeffre Lindow, Bio-Fuel Specialist, Experimental Archeologist, Co-Owner, Academy of Sustainable Fuels. Friday 12:00 p.m. in the Clean Transportation Show and Saturday 11:00 a.m. at the Forest Stage.

B2. Bio-Fuels—Solar Energy Stored by Vegetation: Growing greenery for fuel takes more greenhouse gasses out of the air than released when used. Learn how production and use of bio-mass, oils, gasses, and ethanol improves our earth, air, water, and economy. Jeffre Lindow, Bio-Fuel Specialist, Experimental Archeologist, Co-Owner, Academy of Sustainable Fuels. Friday 10:30 a.m. in the White Flag Tent.

B3. Efficient Biomass Combustion and Wood Boilers: Karl will discuss the basics of burning biomass for residential and light commercial applications in WI. Discussed will be the technology currently available, fuel considerations, and integration with existing heating systems. Prepare for a lot of audience participation and discussion. Karl Schwingel, Heating Contractor/Wood Boiler Installer, Sustainable Heating Solutions, LLC. Saturday 12:00 p.m. in the Red Flag Tent.

B4. Micro-Scale Biogas for Consumer Use (Demo): Biogas technology can be safely built, regulated for personal use, and used to sustainably harvest energy. Attendees will see a demonstration of how to produce renewable gas and possibly be liberated from fossil-derived natural gas. Attendees will also have the opportunity to ask questions and discuss the potential of bio-gas as an alternative to fossil fuels and their derivatives. Karl Lindow, Bio-Fuel Specialist, Experimental Archeologist, Co-Owner, Academy of Sustainable Fuels. Friday 10:30 a.m. in the White Flag Tent.

$2 OFF Books

HOMEMADE FOR SALE, SOIL SISTERS and ECOpreneuring

Present this ad-coupon at the Inn Serendipity booth (# A31).

Meet the Authors

Lisa Kivirist
John Ivanko

www.homemadeforsale.com
Inn Serendipity Bed & Breakfast
www.innsrerendipity.com

NEW: Building Unity Through Leadership Track!
Friday, June 15
- Community-Led Clean Energy—WI Case Studies at 10:30 a.m. (C7)
- Stir up Democracy—Cookies, Communities, and Lawsuits at 12:00 p.m. (C16)
- Local Resilience Initiatives—A Roundtable Discussion at 2:30 p.m. (C9)

Saturday, June 16
- Are You Feeling Cooperative Yet? Co-ops 101! at 10:00 a.m. (C1)
- Successful Collaborative Management at Stevens Point Area Coop at 11:00 a.m. (C17)
- Soil Sisters—Cook up Change One Potluck at a Time at 12:00 p.m. (C15)

Featured Presenter: Lisa Kivirist
Co-Author of Soil Sisters, Homemade for Sale, Farmstead Chef, ECOpreneuring, and Rural Renaissance.

Presenting: Stir up Democracy—Cookies, Communities, and Lawsuits (C16)

Featured Presenter: David England
Council-member, City of Two Rivers, Member of Municipal Plan Commission.

Presenting: Local Resilience Initiatives—A Roundtable Discussion (C9)

C1. Are You Feeling Cooperative Yet? Co-ops 101!: In this workshop we will explore the history/potential of cooperation as an alternative to competition in human relations, and how co-ops can create a more equitable, productive, sustainable world. John Peck, Executive Director, Family Farm Defenders. Saturday 10:00 a.m. in the Purple Flag Tent.

C2. Building Unity and Power Through Grassroots Organizing: Sociologists have long acknowledged the power of small groups. This workshop will introduce strategies to develop and strengthen these groups at the community level. The session will also introduce participants to several state wide organizations committed to supporting and networking grassroots groups. Nate Timm, Chair, Wisconsin Grassroots Network; Tim Cordon, Chair, Building Unity Project; Dawn Sheegonee, Call for Peace; Pat Popple, Editor, Frack Sand Sentinel. Sunday 2:00 p.m. in the Grey Flag Tent.

C3. Carport Ribbon Cutting: Join MREA for a Ribbon Cutting Ceremony to celebrate the success of the Driving on Sunshine Campaign and the installation of our new Solar Carport and Advanced PV+EV Training Lab as we charge the first car and kick-off The 29th Annual Energy Fair. Stay for the weekend and raise your glass with us at the MREA Benefit Dinner to thank our many generous sponsors, donors, members, and partners who made this carport possible. Friday 11:30 a.m. at the Carport in the Clean Transportation Show.

C4. Clean Energy Democracy: We’ll discuss how to reach a clean energy future that holds up values of equity, justice, inclusion, and democracy by using our collective power to resist polluter-driven legislation. Miranda Ehrlich, Associate Organizing Representative, Beyond Coal Campaign, Sierra Club. Saturday 5:30 p.m. in the Purple Flag Tent.

C5. Communities Fighting Tar Sands—Local Actions: While federal and state governments support fossil fuel projects, local communities and tribes are fighting back with permit requirements, resolutions, and ordinances. Learn what you can do! Mary Beth Elliott, Tar Sands Lead, 350 Madison; Peter Anderson, 350 Madison; Elizabeth Ward, Sierra Club. Saturday 4:30 p.m. in the Purple Flag Tent.

C6. Community-Style Drum Circle: Come join us while we make FUN beautiful music, “in the moment,” Robin will bring 25 years of facilitation experience and an awesome collection of FUN drums and percussion instruments from all over the world to share. We all have a place in the FUN rhythm, let’s find it together! (All ages and skill levels) Robin Cardell, Oshkosh Rhythm Institute. Friday 8:00 p.m. and Saturday 8:00 p.m. at the Gong, South of Rainbow’s End (Rainbow’s End rain location).

C7. Community-Led Clean Energy—WI Case Studies: State energy policy empowers local governments to pursue clean energy. This will focus on recent public investments, city resolutions, and direct engagement with utilities for advancing renewable energy. Michael Vickerman, Program and Policy Director, RENEW Wisconsin. Friday 10:30 a.m. in the Purple Flag Tent.

C8. Environmental Justice as Social Justice: We will discuss the history of environmentalism as it often exacerbated issues of oppression and marginalization and lead the group in strategies to merge these two goals. Greg Wright, Executive Director, CREATE Portage County and Dr. Kelly Wilz, UW-Marshfield. Friday 12:00 p.m. in the Pink Flag Tent.

C9. Local Resilience Initiatives—A Roundtable Discussion: This will be a roundtable discussion of local resilience initiatives and policies. Examples of successes and failures with an exploration of possible strategies for overcoming the challenges faced. Audience participation encouraged. David England, Council-member, City of Two Rivers, Member of Municipal Plan Commission. Friday 2:30 p.m. in the Purple Flag Tent.

C10. Building Unity and Power Through Grassroots Organizing: Sociologists have long acknowledged the power of small groups. This workshop will introduce strategies to develop and strengthen these groups at the community level. The session will also introduce participants to several state wide organizations committed to supporting and networking grassroots groups. Nate Timm, Chair, Wisconsin Grassroots Network; Tim Cordon, Chair, Building Unity Project; Dawn Sheegonee, Call for Peace; Pat Popple, Editor, Frack Sand Sentinel. Sunday 2:00 p.m. in the Grey Flag Tent.

C11. Carport Ribbon Cutting: Join MREA for a Ribbon Cutting Ceremony to celebrate the success of the Driving on Sunshine Campaign and the installation of our new Solar Carport and Advanced PV+EV Training Lab as we charge the first car and kick-off The 29th Annual Energy Fair. Stay for the weekend and raise your glass with us at the MREA Benefit Dinner to thank our many generous sponsors, donors, members, and partners who made this carport possible. Friday 11:30 a.m. at the Carport in the Clean Transportation Show.

C12. Clean Energy Democracy: We’ll discuss how to reach a clean energy future that holds up values of equity, justice, inclusion, and democracy by using our collective power to resist polluter-driven legislation. Miranda Ehrlich, Associate Organizing Representative, Beyond Coal Campaign, Sierra Club. Saturday 5:30 p.m. in the Purple Flag Tent.

C13. Communities Fighting Tar Sands—Local Actions: While federal and state governments support fossil fuel projects, local communities and tribes are fighting back with permit requirements, resolutions, and ordinances. Learn what you can do! Mary Beth Elliott, Tar Sands Lead, 350 Madison; Peter Anderson, 350 Madison; Elizabeth Ward, Sierra Club. Saturday 4:30 p.m. in the Purple Flag Tent.

C14. Environmental Justice as Social Justice: We will discuss the history of environmentalism as it often exacerbated issues of oppression and marginalization and lead the group in strategies to merge these two goals. Greg Wright, Executive Director, CREATE Portage County and Dr. Kelly Wilz, UW-Marshfield. Friday 12:00 p.m. in the Pink Flag Tent.

C15. Local Resilience Initiatives—A Roundtable Discussion: This will be a roundtable discussion of local resilience initiatives and policies. Examples of successes and failures with an exploration of possible strategies for overcoming the challenges faced. Audience participation encouraged. David England, Council-member, City of Two Rivers, Member of Municipal Plan Commission. Friday 2:30 p.m. in the Purple Flag Tent.
C10. **Messaging Through Signage:** Wall Drug has demonstrated the effectiveness of message signs for years. Recent research has validated this and stimulated a new interest in signs in rural areas. This workshop will present a variety of sign creation techniques and strategies for integrating signage with social media and other techniques of persuasion. Nate Timm, Building Unity and Power Through Grassroots Organizing, Wisconsin Grassroots Network; Jim Bennett, Sign Manager; Roger Thompson, Stoughton Sign Project; Adam Grabski, Silk Screening Signs. Sunday 3:00 p.m. in the Grey Flag Tent.

C11. **Nuclear Power Realities and Climate Chaos:** Nuclear power cannot help halt climate change because it takes too long and costs too much to site, approve, construct and license new reactors. Investing in untested new designs or corporate bailouts of old reactors robs resources from conservation and efficiency efforts and from the expansion of clean, renewable, safe energy urgently needed to confront climate change. John LaForge, Editor, Nukewatch Quarterly, Co-Director, Nukewatch. Sunday 9:30 a.m. in the Grey Flag Tent.

C12. **Petroleum—Past, Present, and Future:** This workshop, presented by those with decades in the petroleum industry, will review facts and news that is well known to those within the petroleum industry and of interest to those outside of it. Stanley Frey, R&D Fellow / Chemical Engineer and Ed Casey. Sunday 10:30 a.m. in the Grey Flag Tent.

C13. **PV + EV = Sustainable Transportation:** In February 2017, the oil giant—BP—projected that there will be 180 million electric vehicles (EV) on the road within 18 years. The transition to EV represents one of the largest technological transitions in U.S. history. For this to be sustainable, the new electricity demand will need to be satisfied with an even greater investment in clean energy. This presentation will address the history, context, opportunity, and needs to make PV + EV a reality. Nick Hylla, Executive Director, Midwest Renewable Energy Association (MREA). Friday 9:30 a.m. in the Blue Flag Tent.

C14. **Ready for 100—A Blueprint for Local Action:** All across America cities are setting bold goals to reach 100 percent renewable electricity within the next few decades. Learn more to help make your city become one of them. Devin Martin, Organizing Representative, Sierra Club. Sunday 12:00 p.m. in the Grey Flag Tent.

C15. **Soil Sisters—Cook up Change One Potluck at a Time:** Local networks of women farmers and sustainability activists are powerful ways to transfer skills, knowledge, and support along with empowering leadership. Hear advice from the field on how these networks begin, and what it takes to sustain them. Leave empowered and inspired to launch a network in your home community. Join Lisa to learn about the fruitful harvest of outcomes via “Soil Sisters,” a local informal network in Southern WI farm-hood now meeting for over eight years, including electing women to County Board, successfully suing the state over the ban on the sale of homemade goods, and running the largest women farmer annual tour in the country. All done over lots of shared laughter, friendship, and pie. Lisa Kivirist, Co-Author of Soil Sisters, Homemade for Sale, Farmstead Chef, ECOpreneuring, and Rural Renaissance. Saturday 12:00 p.m. in the Purple Flag Tent.

C16. **Stir up Democracy—Cookies, Communities, and Lawsuits:** “Something needs to change” we say—but how do we do it? How can we change the system, champion democracy, and celebrate community? One cookie at a time. Hear the inspiring personal story of successfully suing the State of WI for the right for citizens to sell homemade goods from Lisa Kivirist, one of the plaintiffs in this case and author of Homemade for Sale. Learn about the key ingredients needed for social change. Hint: you already have them! Lisa Kivirist, Co-Author of Soil Sisters, Homemade for Sale, Farmstead Chef, ECOpreneuring, and Rural Renaissance. Friday 12:00 p.m. in the Purple Flag Tent.

C17. **Successful Collaborative Management at Stevens Point Area Coop:** What does it look like when 30 people run a business collaboratively? Come learn about the unique non-hierarchical management structure that works behind-the-scenes at your neighborhood food co-op. Melissa Haack, Collective Manager and Oren Jakobson, Chair of the Board, Stevens Point Area Food Cooperative. Saturday 11:00 a.m. in the Purple Flag Tent.

C18. **Using Human Origin Story to Examine Sustainability Ethics:** Starting with the early days of the universe, this workshop tells the origin story of humans using current scientific understanding and uses this framework to explore the ethics of sustainability. Adam Briska, Community Fellow, Social Innovation and Sustainability Leadership Program at Edgewood College. Friday 5:30 p.m. in the Red Flag Tent.

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**NUKEWATCH**

**Nuclear power risks deadly global catastrophes, robs resources from solutions to climate change, produces ferocious radioactive waste, and spreads H-bomb material.**

**Say no to nuclear madness**

*Please join our workshop:*

**“Nuclear Power Realities and Climate Change”**

Sun., June 17, 9:30 a.m., Gray Tent

**Nukewatch**

740A Round Lake Rd

Luck, WI 54853

715.472.4185

nukewatch1@lakeland.ws

nukewatchinfo.org

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C19. **Utilities and Community Activism:** Demand is growing for clean energy, but many utilities are lagging behind. We’ll discuss what underlies utility reticence, and options for communities to take control of their energy for the future. Don Ferber, Sierra Club Beyond Coal. Friday 9:30 a.m. in the Purple Flag Tent.

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**WORKSHOP LEVELS**

- **Beginner:**
- **Intermediate:**
- **Advanced:**
- **Children:**
- **Teachers:**___

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**D PROFESSIONAL DEVELOPMENT**


**Featured Presenter: Paul Gilman**


Presenting: Introduction to the NREL System Advisor Model (D1)

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**D1. Introduction to the NREL System Advisor Model:** In this general introduction to SAM, we will discuss the full range of the model’s capabilities, from modeling residential rooftop solar electric systems to utility-scale wind and concentrating solar power tower projects. The session will consist of a presentation followed by a short software demonstration. SAM is free software for techno-economic modeling of renewable energy projects provided by the U.S. DOE National Renewable Laboratory and is used by project developers, system designers, researchers, and other people involved in making technical and financial decisions about renewable energy projects. Paul Gilman, Renewable Energy Modeler, Self-employed Sub-contractor to National Renewable Energy Laboratory (NREL). Sunday 9:30 a.m. in the Solar Professional Building.

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**D2. Launch a Food Business from Your Home Kitchen:** Learn how to start a simple food business today by taking advantage of state laws that allow specific “non-hazardous” food items to be made in your kitchen and sold to the public. John Ivancko, Co-Author of ECOpreneuring, Homemade for Sale, Farmstead Chef, and Rural Renaissance, and Lisa Kivirist, Co-Author of above books and of Soil Sisters. Friday 2:30 p.m. in the Pink Flag Tent.

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**D3. Wisconsin Renewable Energy Policy:** This session will provide an overview of the current renewable energy and distributed generation policy landscape in WI, and its impacts on the solar, wind, hydropower, and biogas markets. The presentation will include current and potential legislative and public service commission activities, as well as opportunities to advance policies that support the growth of renewable energy markets in WI. Tyler Huebner, Executive Director, RENEW Wisconsin. Friday 10:30 a.m. in the Black Flag Tent.