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"The great thing in this world is not so much where we are, but in what direction we are moving."

-Oliver Wendell Holmes-

MEETINGS and EVENTS:

Links will provide additional information. Dates for recent additions are in **bold**.

What	Date	Time	Where
Great Lakes Restoration Conference	Sept 6-8	All Day	Chicago
Lake Superior Binational Forum	Sept. 7 & 8	All Day	Wawa, ON
River Alliance Workshop	Sept 8 th	10am – 3 pm	Ashland - NGLVC
Rustic Roads Board	Sept. 10 th	9:00 – noon	Madison
BCEDC Board Meeting	Sept. 10 th	10:00 – noon	Washburn Library
River Alliance Workshop	Sept 15 th	10am – 3pm	Spooner
River Alliance Workshop	Sept 22 nd	10am – 3pm	Rhinelander
Black/Miller Energy Bill Hearing	Sept. 25 th	ТВА	Madison
BIO Mid America Venture Forum	Sept. 24-26	All Day	Milwaukee
Great Lakes Commission	Oct 1 & 2	All Day	Chicago
Inventors & Entrepreneur's Club	Oct. 4 th	5:30 pm	Iron River Community Center
Biotech & Medical Device	Oct. 18	All Day	Milwaukee
<u>Bioneers</u>	Oct. 19-21	All Day	San Mateo, CA
<u>Making a Great Lake</u> <u>Superior Conference</u>	Oct. 29, 30, 31	All Day	Duluth Convention Center

What	Date	Time	Where
Inventors and Entrepreur's Club	Nov. 1	5:30 pm	TBA
<u>Wisconsin Early Stage</u> <u>Symposium</u>	Nov. 14-15	All Day	Madison

OUR SAFE CLIMATE

Atmospheric particulates may be slowing the rate of global warming. First observed in the 1980s by Dr. Gerald Stanhill, evidence has accumulated from world-wide studies that *global dimming*, resulting from particulates in the atmosphere, is acting as a counter measure to the greenhouse gases accumulating in the atmosphere and trapping heat.

A Wisconsin Professor of Geography, Dr. **David Travis** at UW-Whitewater, noticed a dramatic change in the range of temperature change in those three days in 2001 following September 11th when essentially all commercial aircraft in the US were grounded. Travis had been studying contrails from jet aircraft for nearly 15 years. Comparing temperature ranges from hundreds of sites around the US prior to and following 9/11, Travis found an increase in the temperature range while the planes were grounded.

Our livable climate is established by a delicate balance among multiple factors. The science that helps our understanding is complex and the complexity tempts simple minded denials and over-reaction. It is a real challenge to understand how scientists may disagree on methods, data details and interpretations, yet be in near complete consensus on trends, principles and theory. Scientists in their working lives are skeptics. Experiments and methodical observations are intended to disprove. Proof is elusive. It is the accumulated evidence of multiple experiments that *fail to disprove* a hypothesis that bolsters confidence *among scientific peers* that a guess or conjecture about the truth may be correct.

Two years ago, Salt Lake City Mayor **Rocky Anderson** visited our area and described efforts in his city to reduce greenhouse gases. Frustrated with the Bush administration's refusal to sign the Kyoto treaty, Anderson told a large audience at Big Top Chatauqua that local governments could collectively do what the federal government refused to do; take responsibility for global climate change. Initially an initiative of Seattle's Mayor, the movement, Cities for Climate Protection, has been embraced by over 200 US cities and many large cities worldwide.

Now some states are stepping up to take responsibility for greenhouse gas emissions.

Wayne Stroessner sent along a note alerting me to an effort in Wisconsin to establish a benchmark for combating global warming. He thought a few TGIF Readers might be interested in knowing about a legislative bill and possibly attending a hearing on the Wisconsin Safe Climate Act sponsored by Representative Spencer Black and Senator Mark Miller. California passed a greenhouse gas reduction program last November. The Black/Miller bill uses the California measure as a guide and requires that Wisconsin reduce it's carbon dioxide emissions to 1990 levels by 2020.

It seems that a lot of little components of big trends over many years have created our climate crisis. Individuals, communities and states actions are probably the way out of this global mess we have created – if there is a way out.

Lighter Side:

As with most jokes the original author is unknown. Whoever you are; "Thanks!" Patti and I had an argument about who should brew the coffee each morning.

Patti said, "You should do it, because you get up first, and then we don't have to wait as long to get our coffee."

I said, "You are in charge of the cooking around here so you should do it, because that is your job, and I can just wait for my coffee."

Patti replied, "No, you should do it, and besides it says in the Bible that the man should do the coffee."

I replied, "I can't believe that! Show me."

So Patti fetched the Bible, and opened the New Testament and showed me. At the top of several pages it indeed says, "HEBREWS."

Take care and have a great weekend! /BRUCE

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Bruce Lindgren is Principal of <u>B.Lindgren CONSULTING</u>. The consulting practice serves small business, local government, school districts and non-profits providing support for research, grant development, technical writing, marketing support and project management. Bruce brings his background in biological sciences, education, small business and media technology to generate and implement ideas contributing solutions to mission critical challenges.

In addition Bruce maintains the following affiliations:

Bayfield County Economic Development Corporation, (BCEDC) Director

Inland Sea Society, (ISS) Director

Lake Superior Binational Forum, (LSBF) US Delegation Co-Chair

Raindrop Garden Gallery, (RGG) Co-owner

IDEA Consortium LLC, Owner

Chequamegon Institute, Inc. Initial Registered Agent

Coalition for Eco-Industrial Development, (CEID) Work Group Member

Northwest Wisconsin Workforce Investment Board, (WIB) Member

The encircled fractal triangle represents an integrated cluster of seven ideas – economics, ecology, equity, ethics, experience, education and energy – that may be considered a core for sustainability studies. Bruce is available to present illustrated lectures and facilitate discussions about role of education in Industrial Ecology, Sustainable Development and the Sustainability Revolution.