

***“Sustainable Oklahoma—Actions
Speak Louder than Words”***

OSN Conference 2004

**Friday, March 12
Oklahoma College of Continuing Education
Thurman J. White Forum Building
Norman, Oklahoma**



Keynote Speaker

Mathis Wackernagel, Ph.D.

Co-Author of Our Ecological Footprint—Reducing Human Impact on the Earth and Sharing Nature’s Interest

Hosted by

**The Oklahoma Sustainability Network (OSN)
www.oksustainability.org**

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Oklahoma Sustainability Network (OSN) 2004 CONFERENCE

"Sustainable Oklahoma—Actions Speak Louder than Words"

March 12, 2004, 8:00 am – 4:00 pm

Oklahoma College of Continuing Education (OCCE), Thurman J. White Forum Building, OU Campus—Norman

More details and on-line registration on website: www.oksustainability.org

8:00-9:00 am	Registration and Visit Exhibits —A continental breakfast will be served in exhibit area			
9:00-10:00 am Conference Room A	Oklahoma Sustainability Network – Welcome (Jay Yowell, AIA—OSN Chair) KEYNOTE SPEAKER: Dr. Mathis Wackernagel Co-author of <u>Our Ecological Footprint—Reducing Human Impact on the Earth</u> and <u>Sharing Nature's Interests</u>			
10:00-10:15am	Break—Booksigning—Visit exhibits—Refreshments will be served in exhibit area			
TRACK▶	PERSONAL ACTION <i>Moderator: Nicole Cosmann</i>	BUSINESS ACTION <i>Moderator: Dianne Wilkins</i>	COMMUNITY ACTION <i>Moderator: Scott Byrd</i>	DESIGN ACTION <i>Moderator: Lee Fithian</i>
10:15-11:15am Session I	Overview of Straw Bale Building (Myrna Fletcher) Smart Houses-High Performance Homes (Kelly Parker, Guaranteed Watt Savers Systems, Inc.)	Are You Throwing Away Your Profits? Turning liabilities and costs into assets and income. (Margo Covington, Covington Consulting Co.)	Smart Growth--Regional Mobility (Randy Hume, Central OK Metro Transportation & Parking Authority) Land Trusts & Conservation Easements (Lyntha Wesner, Norman Area Land Conservancy)	What is LEED (General Overview of Leadership in Energy and Environmental Design) (Paul VonPaumgarten, Johnson Controls, Inc.)
11:15-11:30am	Break—Booksigning—Visit exhibits—Refreshments will be served in exhibit area			
11:30am-12:30pm Session II	Sustainable Gardening (Paul Johnson)	Business, Environment & Performance (Dianne Wilkins, Department of Environmental Quality) Steps to Business Sustainability (Jim Warram, Xerox)	Community Indicators of Sustainability--Managing Natural Capital (Mathis Wackernagel, Ph.D.)	LEED: A General Application Approach (Brian McCalla, Johnson Controls, Inc.)
12:30-2:00 pm Lunch Commons Restaurant	Featured Speaker: Michael Patton, Director of the Metropolitan Environmental Trust (The M.e.t.) Oklahoma Sustainability Network (OSN) Introductions/Awards Presentation Interest Meeting for Chapters/Visit Exhibits and Alternative Energy Vehicles			
2:00-3:30 pm Session III Panels	ISSUE PANELS—MOVING OKLAHOMA FORWARD TOWARD SUSTAINABILITY			
	Native American Environmental Stewardship Panel <ul style="list-style-type: none"> • <u>Moderator:</u> Lu Kindblade (Delaware Nation) • Nikki Owings-Crumm (Delaware Nation Environmental and Recycling Programs) • Doug Broyles (Caddo Nation Environmental Program/Caddo Nation Bison Valley Ranch) • Rick Moore (Indigenous Nations Federal Charter Association) 	Renewable Energy Panel <ul style="list-style-type: none"> • <u>Moderator:</u> Mike Bergey (Bergey Windpower) • Allen Gould or David Brancecky (OGE Energy Corp) • John Miggins (Harvest Solar & Windpower) • Mason Mungle (Oklahoma Farmers Union) 	Sustainable Agriculture Panel <ul style="list-style-type: none"> • <u>Moderator:</u> Paul Barby (Oklahoma Family Farm Alliance) • Robert Waldrop (Oklahoma Food Co-op) • Dr. Jim Horne (President, Kerr Center for Sustainable Agriculture) • Joe Glosemeyer (Master Gardener/Permaculturist) 	CrossTimbers Development Panel <ul style="list-style-type: none"> • <u>Moderator:</u> Jennifer Keffer (Johnson Controls, Inc.) • Ron Howell (State Source, LLC) • Kevin Coutant (CDP attorney) • Taylor King (CDP architect) • Dr. John Lamberton (CrossTimbers Environmental Management Plan) • Gary Harkreader (CrossTimbers Project Manager) • Blu Hulse (Town of Skiatook) • Dustin Huff
3:30-4:00 pm Conference Room A	Closing Plenary Session (Jay Yowell) & Issue Section Meetings <i>(Issue Section Chairs will convene groups for brief organizational discussion)</i>			

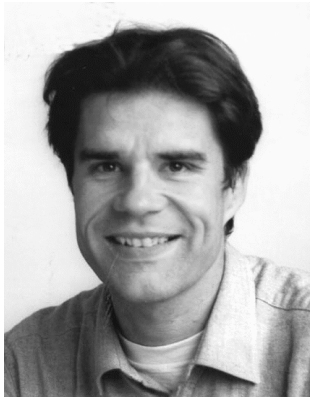
PRESENTATIONS

WELCOME AND KEYNOTE ADDRESS

9:00-10:00 a.m.

Welcome:

Jay Yowell, Elliott+ Associates Architects, and OSN Chair (ecojoy@yahoo.com)



Keynote Address: Dr. Mathis Wackernagel (Mathis@ecofoot.net)
"Ecological Footprint Accounts: Tracking Our Use of Natural Resources So We Can Live Within the Earth's Budget," We're spending our natural capital as if there's no tomorrow. But we can only do this for so long. That's why we have developed the Ecological Footprint, a comprehensive resource accounting system that compares people's use of nature with nature's ability to regenerate. Like any responsible business that keeps track of its spending and income in order to protect its financial assets, we need ecological accounts to protect our natural assets. There is no alternative as long as overdraft protection for the Earth is not available. Visit www.FootprintNetwork.org to find out how we can live off nature's interest, not its capital.

10:00-10:15 Visit Indoor and Outdoor Exhibits/Wackernagel Booksigning

CONCURRENT SESSIONS (Four Tracks)

Session One: 10:15-11:15 a.m.

Break: 11:15 -11:30 a.m.

Visit Indoor and Outdoor Exhibits/Wackernagel Booksigning

Session Two: 11:30 a.m.-12:30 p.m.

Lunch in the Commons: 12:30-2:00 p.m.

Lunch – Featured Speaker Michael Patton

Mr. Patton, the Director of the Metropolitan Environmental Trust, will tell personal stories and observations of his struggles to understand and live a sustainable lifestyle. He will also talk about efforts in organizing awareness and the inspiration he receives from the people in the room.

Track One - Personal Action

Session One: Myrna Fletcher, Norman, OK (myrna.fletcher@worldnet.att.net/405-329-0445) will give an overview of "**Strawbale Building.**" Strawbale homes have a superior insulation value that decreases the need for energy to heat and cool. **Kelly Parker**, Guaranteed Watt Savers Systems, Inc., Oklahoma City, OK (kellypar@gwssi.com/405-943-9959) will help you discover what a smart house is and what the elements are, and learn about upcoming tax credits.

Session Two: Paul Johnson (paul@plantdetective.com) will discuss "**Sustainable Gardening,**" what we really need to have a sustainable garden. He will talk about what plants really need to grow and how to make better choices, both for gardens and for the environment.

Track Two - Business Action

Session One: "Are You Throwing Away Your Profits?" Margo Covington, Covington Consulting, Santa Fe, New Mexico, (margo@covingtonconsulting.com), will address:

Why does an environmental quality approach offer competitive advantage?

How can you quickly apply an environmental quality approach to your business?

PRESENTATIONS

Wow! Turning liabilities and costs into assets and income!

Session Two:

"Business, Environment & Performance" **Dianne Wilkins**, ODEQ Pollution Prevention Coordinator (dianne.wilkins@deq.state.ok.us/405-702-9128), will discuss the launch of two new incentive programs by DEQ's Pollution Prevention Program. These programs are designed to assist facilities in using an environmental quality approach to enhance competitiveness and improve environmental performance.

"Steps to Business Sustainability" will be presented by **James E. Warram**, Xerox Oklahoma City Manufacturing Site (jim.warram@SDMS.USA.XEROX.com/405-324-3809). Jim will discuss significant impacts Xerox has made through implementing sustainable manufacturing practices.

Track Three - Community Action

Session One: Smart Growth

Randy Hume, METRO Transit, Oklahoma City, OK (randall.hume@okc.gov/405-297-2484) will address **"Regional Mobility."** Convenient mobility options are required to support our region's growth and to enhance our citizens' quality of life. What options are available for our region? What are the benefits? Are alternative transportation modes realistic for Oklahomans?

Lyntha Wesner, Norman Area Land Conservancy, Inc. (wesner@qns.com/405-321-2204) will discuss **"Conservation Easements."** She will talk about using them to preserve farm and ranch land and open spaces in the urban setting, as well as the role of land trusts in that effort.

Session Two: "Community Indicators of Sustainability" presented by **Mathis Wackernagel**, Executive Director, Ecological Footprint Network. Mathis will address the management of natural capital, including its ability to renew itself, as it represents a core aspect of sustainability. Hence reliable measures comparing the supply of natural capital with human demand on it are indispensable for tracking progress, setting targets and driving policies for sustainability. This session provides examples of how ecological indicators, combined with social and economic ones, can assist communities in managing their ecological and social assets, and can support their efforts for advancing sustainability.

Track Four - Design Action

Session One: "What is LEED?" presented by **Paul VonPaumgarten**, Director, Johnson Controls, Inc., Milwaukee, WI (paul.vonpaumgarten@jci.com). In this session you will learn about **"LEED (Leadership in Energy and Environmental Design) and Buildings for a Liveable Future."**

Session Two: "LEED: A General Application Approach," will be presented by **Brian McCalla**, Johnson Controls, Inc. (brian.mccalla@jci.com). In this session you will learn how the LEED (Leadership in Energy and Environmental Design) principles are applied to projects for certification.

2:00– 3:30 p.m. ISSUE PANELS (Four Sessions) MOVING OKLAHOMA FORWARD TOWARD SUSTAINABILITY

Native American Environmental Stewardship Panel

Moderator: Lu Kindblade (kindwynd@aol.com), Delaware Nation

Nikki Owings-Crumm (Lenape@thedelawarenation-nsn.gov), Director of the Delaware Nation Environmental and Recycling Programs, will speak primarily about the **recycling program** (the only tribal recycling program run by any of the tribes in Western Oklahoma), but will also ad-

PRESENTATIONS

dress the *tribe's involvement with water and air monitoring*. **Doug Broyles** (Epa@caddonation-nsn.gov), Director of the Caddo Nation Environmental Program and Manager of the Caddo Nation Bison Valley Ranch, will speak mainly about *the bison project*, including his involvement with the Inter Tribal Bison Council, which is a coalition of tribal bison managers in numerous states. **Rick Moore** (Infca@infca.org) will speak on the organization's *Buffalo Reserve and Native environmental tourism*. He will touch on the activities of *Indigenous Nations Federal Charter Association* (INFCA) which he serves as President.

Renewable Energy Panel

Moderator Mike Bergey, Bergey Windpower, Norman (mbergey@bergey.com, 405-364-4212), will present an update on *Oklahoma Wind Power*; **Allen Gould**, OG&E, Oklahoma City (gouldaf@oge.com, 405-553-2718) will discuss, "*OG&E's Wind Energy Program*," **John Miggins**, Harvest Solar and Wind Power, Tulsa (jmiggins@cox.net, 918-743-2299) will discuss "*Solar Energy*" and what is going on in Austin, Texas; and **Mason Mungle**, Oklahoma Farmers Union, Oklahoma City (mmungle@ofumic.com), will provide information on, "*Ethanol in Oklahoma*."

Sustainable Agriculture Panel

Moderator Paul Barby (paulb@pldi.net/580-254-5858) will conduct general discussion on "*Sustainable Practice Versus an Enabling Practice*"; **Robert Waldrop**, "*Oklahoma Food Project*" (rmwj@soonernet.com/405-613-4688) will provide a summary of the progress of the Oklahoma Food Cooperative that matches producers and consumers; **Dr. Jim Horne, Kerr Center for Sustainable Agriculture, Inc.** (jhorne@kerrcenter.com/918-647-9123), will show "*Opportunities in Oklahoma for Increasing the Sustainability of Rural Communities*." There are a number of emerging trends concerning local food systems, food policy councils, land preservation from urban sprawl, and declining rural communities that are setting the stage for many new opportunities. **Joe Glosemeyer** (eaglewalksok@aol.com/405-433-9000) will discuss recent efforts to bring "*Permaculture*" to central Oklahoma and how it can be of benefit in moving towards a sustainable Oklahoma.

CrossTimbers Development Panel

Moderator: Jennifer Keffer, Johnson Controls, Inc. (jennifer.j.keffer@jci.com) **Panelists:** **Ron Howell** (rhowell@statesource.com), **Kevin Coutant** (kcoutant@dsda.com), **Dustin Huff**, **Gary Harkreader** (sstation@sbcglobal.net) and **Blu Hulsey** (bluhulsey@townofskiatook.com) will talk about the "*CrossTimbers Development Project*," located adjacent to Skiatook Lake, Oklahoma. The project will be designed and constructed using the principles of LEED. The proposed development will include a new marina for boat storage, rental cabins, a conference center, extended camping grounds and restroom facilities, RV parking spaces, trails, and an 18-hole championship golf course. In addition, developers at StateSource are planning for extensive residential development around the resort while working with professional land planners, architects and engineers to help create the design of this area.

3:30-4:00 Wrap-up by Jay Yowell, OSN Chair

Please stay for brief Issue Section meetings for OSN organizational purposes. If you are interested in an Issue Section and must leave early, please sign up on large poster board in hallway. Also, please complete your evaluation form and drop it and your name tag in the Evaluation Box on the way out.

THE OKLAHOMA SUSTAINABILITY NETWORK

OSN Want Ads

Contact OSN Chair, Jay Yowell (ecojoy@yahoo.com), to discuss details of volunteer options.

(1) Resources Projects
Statewide Resource Guide
Speakers Bureau
Member Skills/Databank
Green Mapping for Oklahoma

(2) Finance
Lots of help is needed with fundraising

(3) 2005 Conference to be held in Tulsa

(4) Issue Sections to move Oklahoma forward in the areas below (but not limited to these):

- Advocacy and Public Policy
- Agriculture (OK Food Co-op and Permaculture group now active)
- Business
- Community Development
- Consumption
- Design (Oklahoma Green Building Council now organizing)
- Energy
- Higher Education



- K-12 Education
- Smart Growth
- Transportation
- Waste Reduction
- Water Quality and Supply
- Youth

To get involved with sustainability issues in Oklahoma, go to the OSN website: www.oksustainability.org and sign up for one or both list servs. One is for discussions and one is for announcements.



2004 OSN Board Members

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Fenton Rood
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Laura Tribble
Vicki VanStavern
Robert Waldrop
Jim Warram
Dianne Wilkins
Corey Williams
Jay Yowell

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OKLAHOMA SUSTAINABILITY NETWORK

2004 CONFERENCE COMMITTEE

**CO-CHAIR—Ilda Hershey
CO-CHAIR—Susie Shields**

**Awards—Jay Yowell
Beth Caniglia, Jim Warram**

Exhibits—Amber Magdaleno

Facility— Ilda Hershey

**Program—Susie Shields
Ilda Hershey, Dianne
Wilkins, Albert Janco,
Jennifer Keffer,
Lu Kindblade, Carolyn
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**Publicity—Susie Shields
Jay Yowell, Ande Reed**

Registration—Susie Shields

Signs—Francis Kubier

Speakers—Carolyn Sullivan,

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Dianne Wilkins,**

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Curtis Beckwith
David Branecky
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Ed Cunliff
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EXHIBITORS

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Bergey Wind Power

Mike Bergey: mbergey@bergey.com

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Homestead School

Bruce Johnson/Barbara Hagen: 405/771-3551

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