

THE ILLINOIS
GREEN GOVERNMENTS
COORDINATING COUNCIL

PRESENTS

THE 3RD ANNUAL

SUSTAINABLE CITIES SYMPOSIUM

OCTOBER 24, 2008
9:00AM–4:00PM

HOSTED BY
THE VILLAGE OF LISLE
BENEDICTINE UNIVERSITY
THE MORTON ARBORETUM

ILLINOIS
GREEN GOVERNMENTS
COORDINATING COUNCIL

SYMPOSIUM AGENDA

9:00AM

REGISTRATION, EXHIBITS OPEN

10:00AM

WELCOME AND INTRODUCTION,
PRESIDENT WILLIAM J. CARROLL, BENEDICTINE UNIVERSITY

10:05AM

OPENING ADDRESS
MAYOR JOSEPH J. BRODA, VILLAGE OF LISLE

10:15AM

KEYNOTE ADDRESS
LT. GOVERNOR PAT QUINN

10:45AM

PLENARY SESSION I : ENERGY INITIATIVES

12:00PM

LUNCH, EXHIBITS OPEN

1:00PM

WORKING GROUPS

2:15PM

BREAK, EXHIBITS OPEN

2:30PM

PLENARY SESSION II : GREEN COMMUNITY INITIATIVES

3:45PM

CLOSING ADDRESS
EDITH MAKRA, THE MORTON ARBORETUM

4:00PM

ADJOURN

(Optional)

Free admission to The Morton Arboretum generously provided for the remainder of the day



Hello and welcome to the 2008 Sustainable Cities Symposium. On behalf of the Illinois Green Governments Coordinating Council, I would like to thank you for attending this symposium. Your presence today is an indication that you are choosing to make a difference in your local government and your community.

Gathering here today you will find mayors, aldermen, students, engineers, architects, town planners, neighborhood redevelopment directors, and concerned citizens. You all have one very important thing in common: you are part of the grassroots efforts to establish sustainable government policies and operations in Illinois.

As local governments and communities, we must be creative in how we use natural resources. We must all adopt a green way of thinking in our everyday activities, and there is no better place to start than with local leaders uniting their communities toward a common goal of preserving the environment for future generations.

I hope that you find today's information valuable and practical for guiding green initiatives in your own communities. Thanks to all of you who are making a commitment to green living by joining us here today.

Pat Quinn
Lt. Governor
Chairman of the Illinois Green Governments Coordinating Council



Greetings 2008 Sustainable Cities Symposium Participants!

On the behalf of the Village Board, I would like to welcome you to Lisle. The Village is proud to be hosting this event with the Lt. Governor's Illinois Green Governments Coordinating Council, Benedictine University and The Morton Arboretum. Whether your community is new to sustainability or has been working toward reducing its environmental footprint for years, today's symposium offers an opportunity to come together in order to exchange and cultivate ideas, policies, and procedures for a more sustainable future in all our communities.

As the Arboretum Village, Lisle recognizes responsible environmental stewardship as part of its mission in providing excellent municipal services to residents and businesses. The Village has expanded its environmental sustainability efforts—to enhance health and safety; lessen the consumption of energy and fossil fuels; conserve water; and reduce hazardous and solid waste as well as air pollution emissions.

Now more than ever, residents and businesses are looking to municipalities to be increasingly more environmentally proactive; my hope is that at the end of today's symposium, you can utilize the tools and strategies discussed here to advance the benefits of sustainability in your community.

Thank you for being here, and after the symposium please feel free to take time to enjoy all that Lisle has to offer its visitors.

Joseph J. Broda
Mayor
Village of Lisle



The Benedictine value of Stewardship views time as practically endless with community pervasive throughout. Under stewardship’s mantle, we view the Benedictine University community as all those who have come before us and will follow us. As part of this human chain, we have a monumental obligation to pass to them a better University, a better world, than the one with which we began.

As part of a three-year, campus-wide effort to green Benedictine, the University is planning an array of courses, events, speakers and activities. Each semester, students and faculty will meet and discuss links among different disciplines. As part of these environmental efforts, the University has begun examining its own carbon footprint and environmental practices. Benedictine was recognized for a reduction in energy consumption made possible by a grant from The Illinois Clean Energy Community Foundation to increase lighting efficiency. Benedictine University will continue efforts such as these and explore opportunities as they become available.

William J. Carroll, Ph.D.
President
Benedictine University



“Plant Trees!” was the motto of J. Sterling Morton, originator of Arbor Day in 1872 and father of Joy Morton, founder of The Morton Arboretum here in Lisle in 1922. Arbor Day and The Morton Arboretum are both dedicated to planting trees and celebrating the values they provide to people, communities, and the environment. Planting and protecting the trees in Illinois cities and towns will literally “green” your community, and is an essential element of any plan for a more sustainable, healthful, and beautiful future.

I hope you will accept our invitation to conclude this day with a visit to The Morton Arboretum, where you might reflect on the messages of the symposium, be inspired by the green majesty of trees and nature, or just enjoy autumn in our outdoor living museum of trees.

Gerard T. Donnelly, Ph.D.
President and CEO
The Morton Arboretum

SESSION DETAILS

PLENARY SESSION I

Energy Efficiency

Jonathan Feipel, DCEO & Tim Melloch, ComEd

Real-Time Electricity Pricing

Kathryn Eggers, CNT Energy

Renewable Energy Certificates

Lesley McCain, Community Energy, Inc.

Wind Energy

Gary Ofisher, Keeneyville School District

WORKING GROUPS

Please select the Working Group that best fits your interests or your community's priorities. Working Groups include presentations followed by moderated discussion.

Green Building—Presentation Room (first floor)

Laureen Blissard, USGBC

Jonathan Boyer, Farr Associates

Laureen will discuss how elements of LEED green building certification can stimulate the local and regional economy and create green collar jobs. Jonathan will speak about Farr Associates' design of Chicago's first net zero energy home, which redefines the typical Midwest house with healthy, sustainable, and energy efficient features.

Addressing Climate Change Locally—Main Hall

Carolyn Collopy, City of Evanston

Melissa Hulting, U.S. EPA

Carolyn will describe Evanston's innovation and collaborative approach for developing a greenhouse gas emissions inventory and a Climate Action Plan to meet the goals of the U.S. Mayor's Climate Protection Agreement. Melissa will provide an overview of U.S. EPA's climate partnership programs that can help local governments achieve their sustainability and greenhouse gas reduction goals.

Sustainable Community Design—Conference Room C (off the Main Hall)

Doug Farr, Farr Associates

Jessica Thompson, League of Illinois Bicyclists

Doug will discuss the growing international movement of sustainable urbanism—walkable and transit-served communities integrated with high-performance buildings and infrastructure—and how local governments can achieve it. Jessica will highlight the environmental, social, and health benefits of bicycle and pedestrian planning at the municipal level, focusing on the importance of public participation, education, and safety.

Reducing Air & Light Pollution—Conference Room B (off the Main Hall)

Ashley Collins, Respiratory Health Association of Metropolitan Chicago

Russell Knaack, Village of Homer Glen

Ashley will speak about the environmental and health impacts of diesel pollution, and how local governments can implement affordable solutions to control pollution from both public and private vehicles. Russ will discuss the Village of Homer Glen's outdoor lighting ordinance and effectiveness in reducing energy consumption and light pollution.

Products from Natural Sources—Conference Room A (off the Main Hall)

Christopher Canning, Village of Wilmette

Michael Kelly, BioBlend

Christopher will describe current wood utilization efforts to harvest infested ash trees for use in sustainable urban timber products, such as Little League baseball bats. Michael will provide an overview of bio-based products and lubricants, their wide range of municipal applications, and the environmental and functional advantages they provide over conventional mineral oil-based products.

PLENARY SESSION II

Protecting Farmland

Janice Hill, Kane County & Lenore Beyer-Clow, Openlands

Recycling Programs for Local Governments

Kay McKeen, SCARCE

Biodiesel from Veggie Oil

Vince Olsen, Village of Algonquin

Managing Stormwater with Rain Gardens

Phil Stuepfert, SEC Group & Steve Vinezeano, Village of Niles

SPEAKERS' BIOGRAPHIES

OPENING SPEAKERS

William J. Carroll

President

Benedictine University

William J. "Bill" Carroll, Ph.D. became the 10th president of Benedictine University in July 1995. Prior to Benedictine, he held several positions at Ohio Dominican College, including Vice President for Academic Affairs, Acting President and Executive Vice President. Under Carroll's leadership, many new initiatives have begun, including the Great Issues-Great Ideas Lecture Series, an issues-oriented program providing thought-provoking lectures and discussions presented by American heroes, prominent world leaders and inspirational religious personalities. Carroll earned a B.A. in Philosophy from the University of Scranton, and a M.A. and Ph.D. from the Catholic University of America.

The Honorable Joseph J. Broda

Mayor

Village of Lisle

After serving four consecutive terms as Trustee, Joe was elected as Mayor in 2001 and re-elected in 2005. He has been involved in various committees and projects throughout his tenure with the Village, addressing such issues as curbside recycling and construction of the Village of Lisle/Benedictine University Sports Complex. He has advocated the redevelopment of Main Street for years, and he was gratified to see construction begin on the downtown beautification in 2008. As Mayor, Joe looks forward to continued development that further enhances the Village, and to increased resident participation in Village government.

The Honorable Pat Quinn

Lt. Governor

State of Illinois

Pat Quinn was re-elected Lieutenant Governor of Illinois on November 7, 2006. His priorities include advocating for taxpayers and consumers, promoting quality health care, helping military service members and their families, and protecting the environment. Lt. Governor Quinn serves as the Chairman of the Illinois Green Governments Coordinating Council, which works with state agencies to develop policies that reduce pollution, promote conservation, and integrate green practices into state government operations. The Council also serves as a resource for local governments and educational institutions throughout Illinois.

PLENARY SESSION I SPEAKERS

Jonathan Feipel

*Deputy Director, Bureau of Energy and Recycling
Illinois Department of Commerce and Economic Opportunity*

Jonathan Feipel is Deputy Director of the Illinois Department of Commerce and Economic Opportunity (DCEO), where he oversees the Bureau of Energy and Recycling. Feipel joined DCEO in 2006 as Manager of the Energy Department after working more than seven years at the Illinois Commerce Commission. Feipel holds a M.A. in Economics from Illinois State University; a B.A. in International Relations, Modern Languages and Theatre Arts from Beloit College; and a Diplôme des Etudes Françaises from L' Université de Haute Bretagne in Rennes, France.

Tim Melloch, CEM, CCP

*Director, Energy Efficiency Services
ComEd*

Tim Melloch is Director of Energy Efficiency Services at ComEd, where he is responsible for the implementation of ComEd's 2008–2010 Energy Efficiency Plan that was approved by the Illinois Commerce Commission in February 2008. Since 1990, he has put his engineering, customer service and energy manager experience to work helping ComEd customers increase the value they receive from their energy dollars. Melloch is a Certified Energy Manager (CEM) and a Certified Cogeneration Professional (CCP) with a Mechanical Engineering degree from Purdue University.

Kathryn Eggers

*Communication Associate
Center for Neighborhood Technology*

As a communication associate at CNT, Energy Kathryn Eggers helps individuals and communities access the information and services they need to reduce their energy consumption and control associated costs. Kathryn earned Master of Environmental Management from Duke University, where she was the first to graduate with a concentration in Energy and Environment. She previously worked as a museum educator and park ranger and thoroughly enjoys talking with people about actions they can take to combat global warming and related environmental problems.

Lesley McCain

Midwest Director, Business Development

Community Energy, Inc.

Lesley McCain is the Midwest Director of Business Development at Community Energy. Lesley joined the Community Energy, Inc. team in June 2005 as Residential Program Manager for the award-winning City of Naperville Renewable Energy Program. In January of 2006, she added corporate and industrial sales to her residential program responsibilities. Lesley has a B.A. from Northern Illinois University in Communication Studies. Community Energy was awarded the 2006 EPA/DOE Renewable Energy Supplier of the Year.

Gary Ofisher

Director of Operations

Keeneyville Elementary School District 20

Gary Ofisher has over 35 year experience in educational administration. He has completed over \$75 million of life safety and energy savings programs in Illinois. In addition, he worked collaboratively with the first residential community north of I-80 to pass wind turbine legislation. Keeneyville Elementary School District 20 is currently one of several school and park districts that have passed resolutions to support HB 6660 sponsored by Rep. Fred Crespo.

WORKING GROUP PRESENTERS AND MODERATORS

Lauren Blissard, AIA, ALA, LEED AP, NCARB

Chair, Chicago Chapter

U.S. Green Building Council

Lauren Blissard is a sustainability-focused developer/architect. She currently serves as the Chair of the Chicago Chapter of the U.S. Green Building Council and a member of the Illinois Emerald Ash Borer Wood Utilization Network. She holds Bachelor's and Master's degrees in architecture from the University of Illinois and has built a successful 18-year-plus practice in the design and construction of buildings and interiors. She is a licensed architect in Illinois, Wisconsin, and Michigan, and holds an NCARB certificate.

Jonathan Boyer

Director, Green Consulting and Architecture Studio

Farr Associates

Jonathan Boyer is Farr Associates' Director of Green Consulting and Architecture Studio head. Mr. Boyer has practiced architecture in Chicago since 1974 with a focus on integrating environmentally sustainable design elements into healthy and aesthetically compelling living spaces. A graduate of the University of Pennsylvania and Yale University, Mr. Boyer's work is on the cutting edge of sustainable architecture. He is working on Chicago's first energy producing Net Zero Energy Home, targeted for a LEED Platinum rating under the LEED for homes pilot project.

Carolyn Collopy

Sustainable Programs Coordinator

City of Evanston

Carolyn Collopy was hired in May 2007 as the City of Evanston's first Sustainable Programs Coordinator. She is responsible for helping the City protect and optimize its natural resources and built environment by creatively incorporating sustainable practices and behaviors throughout Evanston. Ms. Collopy has over eight years of experience working on green building, energy efficiency and waste prevention programs with a diverse range of audiences and partners. She holds a B.S. in Geography (Land Use) from the University of Wisconsin Eau Claire and a M.S. in Geography (Urban) from Portland State University.

Melissa Hulting

Regional Climate Change Coordinator

U.S. EPA, Region 5

Melissa Hulting is the regional climate change coordinator in EPA's Region 5 office in Chicago. She educates the public about climate change science and policy and encourages governments and organizations to take advantage of EPA's climate partnership programs to lower their carbon footprint. From 2000 to 2007, she worked in EPA's Great Lakes National Program Office on monitoring and reduction of toxic chemicals in the Great Lakes. Melissa has a B.S. in Biology from UIUC and an M.S. in Environmental Management and Policy from the University of North Carolina at Chapel Hill.

Doug Farr, AIA

President and Founding Principal

Farr Associates

Doug Farr is the founding principal of Farr Associates, one of the most sustainable architecture and planning practices in the country. The firm's three LEED Platinum buildings are models of urban architectural sustainability. Doug is on the board of the Congress for the New Urbanism, board of the LEED for Neighborhood Development, and wrote the book Sustainable Urbanism: Urban Design with Nature.

Jessica Thompson, MUPP

Project Planner

League of Illinois Bicyclists

Jessica Thompson is a project planner for the League of Illinois Bicyclists. Her role includes assisting Illinois municipalities with a range of bicycle and pedestrian planning activities, such as running public meetings, doing fieldwork to determine where bikeway and intersection improvements are recommended, developing bike maps, and securing funding for infrastructure and education projects. Jessica was previously employed as an intern by the City of Chicago Bicycle Program. She has a Master of Urban Planning and Policy (MUPP) from UIC.

Ashley Collins

Environmental Health Associate

Respiratory Health Association of Metropolitan Chicago

Ashley Collins is the Environmental Health Associate at the Respiratory Health Association of Metropolitan Chicago (RHAMC). She manages the organization's Illinois Campaign to Clean Up Diesel Pollution, which is a coalition of over 60 public health, community, labor and environmental organizations committed to reducing diesel pollution in the state. Ashley has over eight years of career experience in environmental policy. She holds a M.A. in Environmental and Natural Resource Policy from the George Washington University and a B.S. in Environmental Science from DePaul University.

Russell Knaack

Trustee

Village of Homer Glen

Russell Knaack was elected to the Village of Homer Glen Board of Trustees in May 2007. He is the Co-Chair of the Homer Glen Parks & Recreation Committee, where he has been a member since 2005. He is also the Chair of Homer Glen's Trails Master Plan Task Force. He has worked as an advocate for wetland preservation, forest preserve acquisition, and historic preservation in and around the Homer Glen area. Russell holds B.S. in Aerospace Engineering and a M.S. in Mechanical engineering. He currently works as a senior engineer at Electro-Motive, a manufacturer of locomotives in LaGrange, IL.

Christopher S. Canning

Village President

Village of Wilmette

Christopher S. Canning was elected Village President of Wilmette in April 2005 after serving on the Village's Zoning Board of Appeals for seven years, the last three as Chairman. As President, Chris also serves as the chair of the Village's Business Development Advisory Group and the chair of the Fire Pension Board. Since 2006, he has spearheaded efforts to combat the spread of the Emerald Ash Borer infestation in Wilmette and throughout Illinois. Chris graduated from Boston College and earned his law degree from Loyola University in Chicago. He is the President and General Counsel of Vulcan Sports Media.

Michael Kelly

Business Development Manager

BioBlend Renewable Resources, LLC

Michael J. Kelly is the Business Development Manager for BioBlend Renewable Resources. He is responsible for identifying, communicating, and coordinating markets, customer needs, and applications for BioBlend's products: lubricants, greases and specialty products that meet or exceed the "readily biodegradable" standard and are manufactured using renewable/sustainable materials. Michael has over 25 years of experience in marketing, sales, product development, and management in the specialty chemical industry. He holds a BA in Marketing & Finance from Western Illinois University.

PLENARY SESSION II SPEAKERS

Janice Hill, AICP

Executive Planner and Farmland Protection Program Manager

Kane County Development Department

Janice Hill is a land use planner specializing in farmland protection, resource conservation and urban revitalization. She writes, researches, and prepares speeches and print material on these topics. She manages Kane County's Farmland Protection Program and is a consultant to Openlands for their ongoing regional farmland protection project in Illinois.

Lenore Beyer-Clow

Policy Director

Openlands

Lenore Beyer-Clow is the Policy Director at Openlands, a regional conservation organization. At Openlands, Ms. Beyer-Clow plans, implements, and coordinates the organization's policy agenda. She manages projects to protect water quantity and quality and advocates for the protection of land and natural resources across the region. Ms. Beyer-Clow was previously the Executive Director of the McHenry County Defenders, a citizen advocacy environmental organization. She earned a M.B.A. from the University of Illinois and a B.A. from Oberlin College.

Kay McKeen

Founder and Executive Director

SCARCE

Kay McKeen is the Founder and Executive Director of SCARE: School and Community Assistance for Recycling and Composting Education. As a not-for-profit organization, Kay & the SCARCE team reach hundreds of people—in schools, businesses and community groups—with innovative environmental education programs. Kay, her team, and SCARCE programs have been recognized in local, national and international newspapers and magazines, and Kay is often asked to speak at events and on cable and televised programs.

Vince Olsen

Internal Services Superintendent

Village of Algonquin

Vince has been with the Village of Algonquin for over four years, and is primarily responsible for oversight of all internal operations, including building services and vehicle and equipment maintenance. His department was recognized by the Government Fleet publication as one of the top-100 municipal fleet agencies in 2007 for his efforts; his department is also in the running for the 2008 recognition. He is also the coordinator of the Village's participation in Clean Air Counts; the Village is a silver level community within this program.

Phil Stuepfert

Director of Planning

SEC Group, Inc.

Phil Stuepfert is the Director of Planning of SEC Group, Inc and Landscape Architect for the Niles Community Rain Garden. Mr. Stuepfert leads the Planning and Landscape Architecture office with over a decade of professional planning and design experience. His experience includes a multitude of projects ranging in size from 5 to 7,000 acres, and a variety of project types including downtown revitalization, comprehensive land use planning, urban streetscape design, park and open space planning, and riverwalk development. He has completed projects in over 20 states across the country.

Steven Vinezeano

Assistant Village Manager

Village of Niles

Steven Vinezeano has served as the Assistant Village Manager for Niles for the past eight years. He works with members of the residential, business and institutional communities on community development and has initiated many successful public-private partnerships. Mr. Vinezeano has successfully sought, obtained and administered numerous government grants and foundation funding for Village priorities. He helped establish the first-ever Niles Environmental Committee and has championed numerous green projects in Niles. He is also an active member of the U.S. Green Building Council and co-chair of the Northwest Municipal Conference's Environmental Best Practices Committee.

CLOSING SPEAKER

Edith Makra

Community Trees Advocate

The Morton Arboretum

Edith Makra is the Community Trees Advocate for The Morton Arboretum, assisting communities in the area with tree planting, management and preservation issues. Since joining the Arboretum five years ago, she has been an ally and educator to communities, homeowner associations and residents who are interested in and passionate about saving trees. She works with a wide variety of Chicago-area municipalities helping them to draft tree preservation ordinances, advising home associations on landscape contracts and how to choose trees, and helping communities plan their Arbor Day celebrations. In addition, she has been in the forefront of the Illinois fight against the invasive emerald ash borer.

ACKNOWLEDGEMENTS

Special thanks to the following organizations and individuals for their generous contributions to the 2008 Sustainable Cities Symposium:

OUR HOSTS

The Village of Lisle
Benedictine University
The Morton Arboretum

OUR LUNCH SPONSOR



OUR SPEAKERS

Listed individually in this program

OUR EXHIBITORS

Benedictine University
BioBlend
Chicago Metropolitan Agency for Planning
Ecology and Environment, Inc.
Elgin Climate Change Organization & Elgin Community Network
Farr Associates
Forbo Flooring Systems
Great Lakes Green Energy Solutions
Hill Mechanical Group
Horgan Urban Forest Products
Illinois Correctional Industries
Illinois Recycling Association
Illinois Solar Energy Association
Legat Architects
Midwest Geothermal Engineering
Planning Resources, Inc.
TAC
Tallgrass Restoration
Trane
U.S. Green Building Council