

Sustainable City Series

This series is designed to raise the community's awareness of sustainable practices. While the ultimate goal of providing a catalyst to moving Louisville and the region towards a sustainable model for the nation, each forum in the series will focus on different aspects of sustainable practice and will sometimes have different audiences. **FORUM 12:**
URBAN PARKS & GREENWAYS Thursday, December 3rd, 6:00 pm
 Glassworks, 815 West Market, Louisville, KY

The twelfth forum of the Sustainable City Series held by the Urban Design Studio will focus on urban parks and greenways.

Urban parks and greenways play a vital role in the overall sustainability of a city and region. Parks protect wildlife habitats, provide economic development through place-based economies, cleanse the air, reduce flooding, provide environmental education opportunities, facilitate social gatherings, and offer the possibility for recreation, health, and fitness activities.

Louisville already has an amazing park and greenway system, but that is just the beginning. With the Louisville Loop, Waterfront Park, 21st Century Parks and several other notable initiatives, Louisville is creating one of the most extensive urban park systems in the country. Join us to learn more about the future of our parks and how they are promoting a sustainable city.

GUEST SPEAKERS:

Lisa Hite, AICP, Senior Planner at Louisville Metro Parks

David Karem, President of Waterfront Development Corporation

Dan Jones, Chairman and Chief Executive Officer of 21st Century Parks

Major Waltman, Project Director of Louisville Olmsted Parks Conservancy

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FORUM 11: 2009 Louisville Solar Tour Saturday, October 3rd, 10:00 am
 Green Building, 732 East Market St, Louisville, KY

This event is part of the National Solar Tour organized by the American Solar Energy Society (ASES). The Sustainable City Series has partnered with the Louisville Solar Tour to provide attendees the opportunity to learn more about solar power and what others in their community are doing to harness the power of the sun. There will be a variety of short speaker presentations as well as opportunities to speak with local leaders in solar energy. Along with solar energy exhibits and the morning presentations there will be an opportunity to take a self-guided tour, provided by the Louisville Solar Tour, of local sites utilizing solar power.

GUEST SPEAKERS: Claude Stephens, Generation 14 on "Insights and Observations About Solar Energy"
 Gary Watrous, AIA, Watrous Associates on "Super-Insulated Passive-Solar Design"

Jeremy Coxon, SunWind Power Systems on "Photovoltaic & Solar Water Heating Applications"
Tom Fitzgerald, Kentucky Resources Council on "How Solar Energy Policies Affect the General Public"

2009 LOUISVILLE SOLAR TOUR SPONSORS:

ASES National Solar Tour

YUM!

Kentucky Solar Energy Society (KySES) Earth's Promise Farm American Solar Energy Society Best Home LED Lighting
Watrous Associates Architects SunWind Power Systems, Inc. University of Louisville's Urban & Public Affairs
(UPA)

FORUM 10: URBAN GARDENS Tuesday, July 7th, 6:00 pm
Glassworks, 815 West Market, Louisville, KY

The growing demand for locally grown foods has been accompanied by an ever increasing interest in the development of community and private gardens. There are many different types of community gardens out there and many more plans and hopes for the future, however there are some things that all these gardens have in common... the environment. The importance of taking the proper steps early on is critical, because even though your food may be grown locally, if you don't know what is in the soil you are using, the food you produce is not necessarily any better than those shipped from thousands of miles away, and perhaps even worse.

GUEST SPEAKERS:

Ann Carroll - EPA Office of Brownfields and Land Revitalization

Wayne Long - Jefferson County Agriculture Agent and Office Coordinator

Sarah Fritschner - Board President of Breaking New Grounds

Michael O'Leary - Clifton Community Garden at Sacred Heart Village

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FORUM 9: TRANSPORTATION Thursday, May 26th, 6:00 pm
Glassworks, 815 West Market, Louisville, KY

More efficient forms of transportation systems must be developed in order to provide regional sustainability. Transportation provides the backbone of regional development. City-form has been largely dictated by the available modes of transportation at the time they developed. This can be seen in the compactness of older city centers where the mode of transportation was largely by foot or horse drawn carriage. The placement of cities along navigatable waterways such as Louisville was driven by transportation. With the advent of the automobile we see the subsequent development of suburbs spreading farther from the core of urban activity. In order to return to a more sustainable region, transportation modes such as bicycling, rail and bus systems must be developed. Join us on May 26th to hear what our region is doing to develop these modes of transportation.

GUEST SPEAKERS:

Barry Barker - Executive Director the Transit Authority of River City.

Dirk Gowin - Executive Administrator of Metro Louisville Bike Louisville

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FORUM 8: BALANCED GROWTH Thursday, February 5th, 6:00 pm

Glassworks, 815 West Market, Louisville, KY Current development patterns -- dominated by what some call "sprawl" -- are no longer in the long-term interest of our cities. Unsustainable land use patterns compromise existing communities, our quality of life, and important resources for our livelihood. A response to this has been the practice of smart growth, which is built around the idea that if we can shift toward a more balanced development pattern, it will have tremendous

environmental and economic benefits. Join us on February 5th as we hear planning experts from Nashville and the Atlanta area share their experience with how they are preparing for the sustainable development of their communities’ future.

GUEST SPEAKERS:

Rick Bernhardt, FAICP, CNU - Executive Director of the Nashville-Davidson County Planning Department
 Steven Kopelman - Executive Director of the Chattahoochee Hill Country Alliance
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ADAPTIVE REUSE Thursday, December 4th, 6:00 pm
 Glassworks, 815 West Market, Louisville, KY

The greenest building is the one already built. As old buildings outlive their original purpose, the lifecycle costs, embodied energy, sustainable advantages of waste reduction, and the benefit of maintaining historic architecture in many cases make it more efficient and environmentally responsible to redevelop them. Adaptive reuse reduces sprawl, preserves neighborhood character and makes our city more sustainable. Join us on December 4th for an evening of discussion on the benefits of reusing our existing buildings and how we can make our community more sustainable.

GUEST SPEAKERS:

Bill Weyland - Managing Director, CITY Properties Group Bruce Swetnam - Professor, University of Kentucky's School of Architecture Julia Christensen, Author of "Big Box Reuse"
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2008 LOUISVILLE SOLAR TOUR Saturday, October 4th, 10:00 am
 Urban Design Studio, 507 South Third St, Louisville, KY

Whether you are interested in reducing your carbon footprint, utility costs, help move our country towards energy independence, or just curious to know what people in our community are doing related to solar energy, you won’t want to miss this event. We will have a wide variety of short speaker presentations from architects, developers, home owners, and others involved in utilizing solar energy. You will have an opportunity to speak with local leaders in solar energy.

This event is part of a National Solar Tour organized by the American Solar Energy Society (ASES). Following the morning presentations, attendees will have the opportunity to take tours of local sites utilizing solar power from homes and multi-unit residential, to school buildings and other commercial uses.

GUEST SPEAKERS:

Presentations will be approximately 10 minutes each with time to speak to the presenters at noon. Intro: Claude Stephens, Bernheim Forest Visitor's Center, LEED*

1. Christopher Whelan of EON (LG&E)
2. Steve Sizemore & Charlie Weber, Metro Louisville Planning Sustainability Initiatives
3. Dr. Russ Barnett, Speed School: UofL Campus Solar Initiatives
4. Lori Beck, Ohio Valley Creative Energy Arts Campus
5. Gary Watrous, AIA: Passive Solar, St. Benedict Day Care, 946 S. 25th St.
6. Mike Mulheim, Solar water heating in selected Jefferson County Public Schools
5. Mark Isaacs, AIA: Photovoltaics, Solar water heating, Passive Solar, targeting LEED, Legacy Lofts, Corner of Clay and Hancock
6. Gill Holland: Photovoltaics, Solar water heating, Passive Solar, targeting LEED: The Green Building, 732 Market Street
7. Maria Koetter, BGreen2, LLC, 2808 Juniper Hill Court, Cherokee Gardens
8. Matt Partymiller, Solar Energy Solutions, Bennett Home– Photovoltaics, Solar water heating, 617 Indian Ridge Rd., 40207

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WATER Tuesday, August 12, 6:00 pm
 Glassworks, 815 West Market, Louisville, KY

Vital for life on our planet, fresh water supplies in many parts of the world are under increased stress. Shifting weather

patterns, population growth, poor environmental regulations, pharmaceuticals, aging infrastructure, and waste among other factors have led to increases in contamination and reduction in our supply of fresh water. Louisville's own combined sewer system is in trouble due to overflow issues leading to unacceptable levels of wastewater discharge. Join us August 12th for an evening of discussion on water and learn what you can do to help make our city, region, and world more sustainable. **GUEST SPEAKERS:**

Bud Schardein, Executive Director, Metropolitan Sewer District (MSD)

Judy Petersen, Executive Director, Kentucky Waterways Alliance Gill Holland, Producer, The Group Entertainment

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CLIMATE CHANGE: From Bali to Louisville Tuesday, May 13, 6:00 pm

Glassworks, 815 West Market, Louisville, KY Climate change affects everyone, so if you are living on Earth this topic should be of interest to you. The effects of global warming, such as changes in wind patterns, ocean currents and rainfall are only beginning to be realized. This forum will examine the framework for addressing climate change from the level of the United Nations down to what Louisville is doing as a community to address the issue. **GUEST SPEAKERS:**

Art Williams, Director, Louisville Metro Air Pollution Control District

Keith Mountain, Associate Professor of Geography and Geosciences - University of Louisville

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Glassworks, 815 West Market, Louisville, KY Whether you are a foodie, farmer, health nut, sustainability advocate or all of the above, you will find the upcoming forum a "must attend" event. Learn about Louisville Metro's local food initiatives, community farms, food access, the slow food movement, farmer's markets and much more. Please join us on March 25th for an engaging discussion on local food and agriculture. **GUEST SPEAKERS:**

Susan Hamilton, Louisville Metro Economic Development Department Ivor Chodkowski, Community Farm Alliance and Grasshoppers Distribution LLC Bill Huston, Urban Fresh Chef Mark Williams, Slow Food Bluegrass

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FORUM 2: SUSTAINABLE HOME

Thursday, December 6, 6:00 pm
 Glassworks, 815 West Market, Louisville, KY Whether you are looking to make your existing home more sustainable, building an addition, or designing a new home, the information you will gain from this forum will be invaluable. Learn how to make your home more energy efficient and environmentally friendly with up to date information about home improvements, energy, materials, appliances and more from professionals. Please join us on December 6th for an in-depth seminar on home efficiency and environmentally sound practices. The Energy Pros will take you through the house from foundation to the roof. **GUEST SPEAKERS:**

Bob Geswein of the Harrison County R.E.M.C.

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Region 4 Environmental Finance Center (EFC4) University of Louisville Information Technology **FORUM 1: GARDENING & LANDSCAPING**

Thursday, November 1, 6:00 pm
 Glassworks, 815 West Market, Louisville, KY Through the use of native plantings, rain barrels and other tools and techniques we can conserve resources while enhancing our natural surroundings. Please join us for an evening of discussion focused on how homeowners, business

owners and related professionals can create healthy and resilient landscaped spaces that are beautiful, environmentally responsive, functional, manageable and enduring.

GUEST SPEAKERS:

Claude Stephens, Education Director - Bernheim Arboretum and Research Forest

Jeneen Wiche, Host of NPR's "HomeGrown"

Margaret Shea, Owner - Dropseed Native Plant Nursery

Phyllis Croce, Landscape Restoration Specialist - Metropolitan Sewer District

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