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A NEW ERA OF GREEN CITIES



# ECODISTRICTS SUMMIT

OCTOBER 23-26, 2012

PRESENTED BY



Institute for  
Sustainable Solutions

PORTLAND STATE UNIVERSITY

TUESDAY  
workshops +  
celebration

9:00-3:45

WORKSHOP

Smith Center  
Room 328



**EcoDistricts 101: Accelerating District-Scale Sustainability**

In-depth and interactive, this full-day training will equip practitioners and community leaders with tools to promote green neighborhood development. Based on the Portland Sustainability Institute's EcoDistrict framework, participants will be introduced to the four-step approach: 1) engagement and governance, 2) assessment, 3) project development, and 4) project management.

Rob Bennett, Executive Director, Portland Sustainability Institute  
Naomi Cole, Program Director, Portland Sustainability Institute

4:00-6:00

WORKSHOP

Smith Center  
Room 328



**#Fastcash Workshop with ioby**

Do you have a great idea for your EcoDistrict? Does your project need more financial support? Do you want to reach new Gen X and Gen Y donors? Are you considering crowd-funding, but looking for an appropriate Kickstarter alternative? Crowdsourcing guru Erin Barnes of ioby will teach you how to fundraise for your next big idea. In #FastCash, you'll learn the basic and advanced techniques in grassroots fundraising and resource organizing. Learn how to apply those same basic concepts to online communications and online fundraising.

Erin Barnes, Co-founder/Executive Director, ioby

4:00-6:00

CELEBRATION

Rose Garden  
Living Wall  
100 Level Concourse,  
One Center Court

**Lloyd EcoDistricts Celebration/Tour!**

Celebrate the Lloyd EcoDistricts' newest projects: Streetcar, bike boulevards, shared thermal energy connections, LEED Platinum buildings! (A volunteer will escort attendees from the Hotel Modera lobby at 3:15).

4:00 Hear from Mayor Sam Adams, Sarah Mensah (COO Trail Blazers) and more

4:30 Tour the Rose Garden facilities and Portland's first shared thermal energy node

Free and open to Summit attendees.

WEDNESDAY  
plenary  
sessions

8:45-10:15

MORNING PLENARY

Smith Center  
Ballroom

**Western Harbor: Building a Sustainable Showcase**

Just 40 years ago, Sweden was the most oil-dependent country in the industrialized world. Through a combination of lofty environmental objectives and holistic urban planning, Sweden reversed that legacy to develop some of the most advanced sustainable urban projects to date. One catalytic project to change Sweden's reputation was Western Harbour, a redevelopment attractive to knowledge-based companies and sustainable living. Hear from the project team of planners, architects, and energy providers as they discuss the various financial, logistical, and practical challenges, as well as lessons learned that arose in this pioneering sustainable neighborhood development.

Carl Bäckstrand, International Director, White Architects, Sweden  
Kamilla Björkman, Business Development Manager, E.ON Heat, Sweden  
Tor Fossum, Sustainability Strategist, Planning Department, City of Malmö, Sweden  
moderator David Kördel, Business Consultant, Swedish Trade Council, Chicago  
Ulrika Signal, Project Manager, Planning Department, City of Malmö, Sweden



3:45-5:00

AFTERNOON PLENARY

Smith Center  
Ballroom

**Effective District-Scale Development: The International Context and Msheireb Downtown Doha Project**

Large-scale urban mixed-use developments, while generally slowed in the United States, are occurring at a steady pace around the globe. These projects stand to reshape and reinvent the traditional urban fabric within and at the edges of quickly-expanding cities. This session uses the Msheireb Downtown Doha project in Doha, Qatar, as a case study for thoughtful, district-level planning within the international context. The session will feature a collaborative exercise engaging participants on the processes and considerations of international district planning and development.

Jeff Caudill, Senior Consultant, Green Building Services  
moderator Ralph DiNola, LEED AP BD+C, O+M, Principal, Green Building Services  
Andy Frlichtl, Principal/Senior Mechanical Engineer, Interface Engineering



10:30-12:15

WEDNESDAY

# education sessions

## CAPACITY BUILDING

Smith Center  
Room 329

### Partnerships for Creating an Eco City in Hoi An, Vietnam

Hoi An, a port city and UNESCO world heritage site, recognizes the need to adapt international models of sustainability to implement Eco City principles in the Vietnam context. In the fall of 2011, PSU, the City of Hoi An, and community leaders hosted a transdisciplinary workshop using EcoDistricts concepts to align local goals with performance areas. Continuing the initial workshop approach, this session will explore Hoi An's unique multi-generational perspective on sustainability to preserve cultural heritage, harness economic growth and protect the environment.

**Le Van Giang**, Chairman of the People's Committee of Hoi An City  
*moderator* **Dr. Marcus Ingle**, Professor/Director of Int'l Public Service, Center of Public Service, Portland State University

**Ju Lee**, UNHabitat Urban Sustainable Development Specialist  
**Vinh Mason**, Policy Analyst, City of Portland Bureau of Planning and Sustainability  
**Dr. Nguyen Quang**, UNHabitat Program Manager

## DISTRICT-SCALE SOLUTIONS

Smith Center  
Room 333

### Designing EcoDistricts for Silicon Valley

The future of neighborhood scale sustainability rests on creating innovative relationships between the private and public sectors. Through the delivery of project-specific visuals, attendees will learn how an innovative partnership is taking a 100+ year view in designing its built environment and ecological footprint. The project designers, SERA, Arup, and Sherwood Design Engineers, in conversation with the client and the City of Mountain View's economic development manager, will address how systems are optimized, afforded and realized at the EcoDistrict scale and will share their ideas on a data-driven design process for integrated district systems.

**Ellis Berns**, Asst Community Development Director/Economic Development Manager, City of Mountain View

**Clark Brockman**, Director of Sustainability Resources Group, SERA Architects  
**Alisdair McGregor, PE, PhD, LEED AP**, Fellow and Principal, Arup  
**Pat Nielsen**, Director, N. California Planning & Operations, Real Estate & Workplace Services, Google

**Bry Sarté**, Principal Engineer, Founder of Sherwood Institute, Sherwood Design Engineers

*moderator* **Timothy W. Smith, AIA, AICP**, Principal, SERA Architects

10:30-12:15

WEDNESDAY

# education sessions

## INNOVATION

Smith Center  
Room 328



### Smart Grid: Exploring Stakeholder Perspectives

This session will explore the relationship of stakeholders in the implementation of smart grid strategies. The discussion will explore smart grid opportunities, obstacles and best practices at the district-scale, both locally and globally.

**Joe Barra**, Senior Consultant, Business Model Development, PGE

*moderator* **Tom Foley**, Consultant, Smart Grid Oregon

**Jeff Hammerlund**, Adj. Professor/Senior Fellow, College of Urban and Public Affairs, Portland State University/President, Northwest Energy and Environmental Strategies

**Michael Jung**, Board Member, Smart Grid Oregon

## IMPLEMENTATION

Smith Center  
Room 327

### Making EcoDistricts Legal

Making innovations at the district-level a by-right rule, rather than an exception will proliferate sustainable neighborhood implementation. Panelists will explore the legal barriers in implementing neighborhood scale development, including codes, zoning, environmental and energy regulations, and green development certification issues. For an in-depth example, panelists will discuss onsite water management legal challenges and opportunities at the neighborhood level.

*moderator* **Jason Hercules**, Manager, LEED Department, US Green Building Council

**Paula Kehoe**, Water Resources Director, San Francisco Public Utilities Commission

**Ryan Vanden Brink**, Attorney, Inteltekia Law Group, LLC

## MASTERS SPEAKER

Smith Center  
Ballroom



### When We're All Urban Planners

What happens when communities lead planning in their own neighborhoods? And, what are the key characteristics of successful neighborhood entrepreneurs? Using examples from ioby, Project for Public Spaces, Hester Street Collaborative, Civic Ecology and more, Erin will dive into community-driven environmental and placemaking projects, tactical urbanism, design interventions, public space disruptions and the results that make neighborhoods stronger and more sustainable. Erin will focus on projects in low-income communities, communities of color and immigrant communities.

**Erin Barnes**, Co-founder/Executive Director, ioby

12:30-1:30

WEDNESDAY

# lunch + roundtables

Smith Center  
Room 329

## Consultants + Community in Foster Green EcoDistrict Assessment

The Foster Green EcoDistrict recently assessed its community assets and baselines to inform future project priorities. City staff, consultants, and community members will explore the relationship between consultant and community through the assessment process, and the lesson learned as a result.

**Matt Arnold**, AICP, Director of Urban Design & Planning, SERA Architects  
**Jonathan Brandt**, Member, Coordinating Committee, Foster Green  
**Kevin A. Cronin**, Sr Project Manager/Business Dev. Officer, PDC  
*moderator* **Karen Wolfgang**, Member, Steering Committee, Foster Green

Smith Center  
Room 327

## The Booth Kelly EcoDistrict

This session will explore the results of a year-long collaboration between the College of Allied Arts and Architecture at the University of Oregon and the City of Springfield, Ore. City officials and students will present the challenges and opportunities of redeveloping a 17-acre former lumber mill site in Springfield into an EcoDistrict.

**Hannah Bryant**, Graduate, School of Architecture and Allied Arts, UO  
*moderator* **Vicki Elmer**, Director/Faculty, Oregon Leadership in Sustainability  
**Courtney Grisel**, Management Analyst, City of Springfield  
**Brook Muller**, Assoc Dean for Acad. Affairs, School of Arch./Allied Arts, UO  
**Steve Richter**, Graduate, OLIS, UO  
**John Tamulonis**, Community Development Manager, City of Springfield  
**Leonard Yui**, OLIS Adjunct Instructor, University of Oregon (UO)

Meet at  
Smith Center  
Ballroom Foyer  
off-site

## Walking Tour of SoMA EcoDistrict

Over the years, Portland State University (PSU) has steadily transformed into a vibrant, living laboratory for practicing and applying sustainability. The university is now the heart of the SoMa EcoDistrict. Fletcher will guide participants through over 20 campus sustainability features; from LEED certified buildings, and Electric Avenue, to green roofs, the Bike Hub, the district energy loop, and Montgomery Green Street.

**Fletcher Beaudoin**, Partnerships Director, PSU Institute for Sustainable Solutions

Smith Center  
Room 328

## Gateway: Seeing the Future

Working with PoSi, PDC, SERA Architects, local developers, and community members, University of Oregon architecture students tackled Gateway EcoDistrict's issues around redevelopment potential and lack of identity. Gateway leaders and students will share the design studio's work, and discuss how the design community can actively shape an EcoDistrict.

**Colleen Gifford**, President, ABC Sustainable Solutions/Chair, Gateway EcoDistrict Steering Comm.  
*moderator* **Kaarin Knudson**, Design Studio Faculty, UO School of Architecture and Allied Arts  
**Gordon Jones**, Private Real Estate Developer  
Students, University of Oregon School of Architecture and Allied Arts

1:45-3:30

WEDNESDAY

# education sessions

CAPACITY BUILDING

Smith Center  
Room 329

## Achieving Integration: Lessons from Pioneers of Collaboration, Engagement and Governance

Showcasing a variety of in-progress partnerships, this session will share lessons learned about forging successful alliances across agencies, disciplines and sectors to achieve sustainable community building. Drawing from the Seattle 2030 District, Denver Housing Authority's South Lincoln TOD Redevelopment, and City of Renton's Sunset Area Revitalization, this session will address the roles of the public, private, and non-profit sectors and the tools necessary to build capacity. Attendees will interact with panelists to test capacity building strategies through small group discussion.

*moderator* **Erin Christensen**, AIA, LEED AP ND / Associate Principal, Mithun  
**Suzanne Dale Estey**, Director of Economic Development, City of Renton  
**Brian Geller**, Executive Director, Seattle 2030 District  
**Christopher Parr**, Director of Development, Denver Housing Authority



IMPLEMENTATION

Smith Center  
Room 327

## Federal and State Support for District-Scale Sustainability

Just as downtowns are the heart of every city, state capitals are the leaders, making them important places to implement district-scale sustainability projects that have community, environmental, and economic benefits. This session will provide best practices in finance, governance and policy using project examples of state capitol downtown districts and federally funded initiatives. Attendees will learn how to achieve replicable performance goals and increase community awareness through projects initiated by the US EPA, HUD and DOT's Greening America's Capitals program.

*moderator* **Yogesh Saoji**, Senior Associate, Wallace Roberts and Todd  
**Abby Hall**, Policy Analyst, Office of Sustainable Communities, U.S. EPA  
**Wynn S. Hjernstad**, AICP, Community Dev. Manager, Urban Development Dept

DISTRICT-SCALE SOLUTIONS

Smith Center  
Room 333

## Urban Interventions *Pecha Kucha style*

In the 20 slides, 20 second Pecha Kucha tradition, presenters will share the new wave of urban interventions sweeping our cities. From redefining public spaces to innovative transportation solutions, hear from panelists on a wide range of urban solutions.

**Ann Forsthoefel**, Co-founder/CEO, Aqua Annie  
**Kirk Paulsen**, Owner, Pedal Portland / Civil Engineering Graduate Student  
**Joseph Readdy**, Adj. Professor of Architecture & Urban Design, Portland State Univ.  
**Jessica Roberts**, Programs Manager, Alta Planning + Design  
*moderator* **Nicole Storey**, Comm. Energy Conservation Coordinator, City of Charlotte  
**Adam Varat**, Senior Planner, Citywide Policy Division, San Francisco Planning Dept



1:45-3:30

WEDNESDAY

# education sessions

## DISTRICT-SCALE SOLUTIONS

Smith Center  
Room 236

### City of Edmonton: District Infrastructure

Blair McCarry and Trevor Butler will present their master plan proposal for redeveloping the Edmonton's Municipal Airport Lands, a 215-hectare rift in the city's urban fabric. The proposal addresses ambitious sustainability goals set out by the City to develop a carbon neutral community in what is a traditionally coal-fired electric region. The plan—called 'Connectivity'—creates a world-class sustainable community for 25,000 residents guided by four strands of connectedness: cultural, ecological, social, and economic.

Blair T. McCarry, P.Eng., PE, ASHRAE, LEED® AP, Principal, Perkins + Will  
Trevor Butler, Director, Archineers

## INNOVATION

Smith Center  
Ballroom

videoconference

### Lend Lease's Victoria Harbour Development

As part of the \$4.5 billion Dockland's redevelopment in Melbourne, Australia, Lend Lease is working in partnership with Places Victoria and City of Melbourne to deliver a vibrant mixed-use community. Ten years into its twenty-year development life, Victoria Harbour is approaching a pivotal point in delivering more than a commercial precinct, but a truly mixed-use urban neighborhood. This Lend Lease project team will explore the challenges and opportunities of managing this transition and the many dynamic external influences on such a large-scale project.

**moderator** Seamus McCartney, Senior Development Manager, Lend Lease  
Cate Harris, Head of Sustainability, Lend Lease  
Claire Johnston, Project Director Victoria Harbour, Lend Lease  
Kate Pearsall, Sustainability Manager, Lend Lease

# MITHŪN

## MASTERS SPEAKER

Smith Center  
Room 328

### Transforming Civic Culture: Consensus Building and Civic Engagement for Green, Just and Smart Cities

This interactive workshop will introduce participants to consensus building protocols and civic engagement methodology through the District of Columbia's transformative civic culture from 1999 to 2006. Participants will also simulate the practice of deliberative democracy using the design and delivery of DC Mayor Vincent Gray's "One City" program.

Don Edwards, Principal and CEO, Justice Sustainability Associates



THURSDAY

# plenary sessions

8:45 - 10:15

## MORNING PLENARY

Smith Center  
Ballroom

### We Build Green Cities: Making the Business Case for Sustainable Neighborhoods

The Netherlands and Portland are recognized leaders in urban sustainability. While policy and government initiatives are well-known, innovative businesses are the ones driving product design, forming new business models, and creating district-scale solutions that support thriving communities. Hear from a panel of leaders who are bringing together business, government, and civil society to accelerate the rise of green cities.

Rob Bennett, Executive Director, Portland Sustainability Institute  
Dr Jacquellne Cramer, Director, Utrecht Sustainability Institute/Professor in Sustainable Innovation, Utrecht University

Mark Edlen, CEO, Gerding Edlen Development

Jan Karel Mak, CEO/Chairman, Deerns Group

**moderator** Noah Slegel, International Relations Director, City of Portland



3:45 - 5:00

## CLOSING PLENARY

Smith Center  
Ballroom

### Growing the EcoDistricts Marketplace

Mark Holland will lead our featured speakers in reflecting on the big ideas from the two days of summit. Hear Adam Beck, Don Edwards, Ellen Dunham-Jones and Liz Dunn discuss the state of affairs in sustainable district-scale development and what we can do to further the green cities agenda.

Adam Beck, Executive Director, Market Development and Sustainable Communities, Green Building Council of Australia

Ellen Dunham-Jones, Architect/Professor, Georgia Institute of Technology

Liz Dunn, Director of Sustainable Communities Policy, Preservation Green Lab

Don Edwards, Principal/CEO, Justice Sustainability Associates

**moderator** Mark Holland, Vice President of Development, New Monaco Enterprise Corporation

# PERKINS + WILL

10:30-12:15

THURSDAY

# education sessions

## CAPACITY BUILDING

Smith Center  
Room 329

### Curriculum to Action: Students creating EcoDistricts

Academic institutions, with tremendous faculty and student capacity, have the potential to advance EcoDistricts on the ground. However, fostering effective linkages between academic institutions and the projects of an EcoDistrict is no easy task. This panel will explore the intersection between sustainable neighborhood development and curricular efforts at universities through a variety of student-involved neighborhood development projects.

**moderator** Fletcher Beaudoin, Partnerships Director, PSU Institute for Sustainable Solutions

Kim Douglas, Assistant Professor, Landscape Architecture, Philadelphia University / Founding Principal, Studio Gaea

Bruce MacDonald, Community Development Student, Portland State Univ.

Barry Messer, Associate Professor, Urban Studies and Planning, Portland State Univ.



## IMPLEMENTATION

Smith Center  
Room 327

### Financing Models for Aggregated Conservation

Aggregation is often cited as critical to scale sustainability at the neighborhood level. This panel of district-scale innovators are developing organizational and funding models to bring property owners together to make joint investments in energy and water efficiency. Hear case studies from Living City Block, Seattle 2030 District and the Green Economic Development Initiative's research findings.

Brian Geller, Executive Director, Seattle 2030 District

**moderator** Brendan McEwen, Project Director, MIT Green Economic Dev. Initiative  
Llewellyn Wells, Founder and President, Living City Block

## DISTRICT-SCALE SOLUTIONS

Smith Center  
Room 236

### A Touch of the Dutch

For centuries, the combination of a densely populated, small land mass, with energy security challenges, and the collective fight against imposing water, has translated into the Dutch living and leading sustainable development. In this session, three leading Dutch companies and the director of the Urban Sustainability Institute will discuss the Netherlands' policies for district-scale development that translates into state-of-the-art solutions. The session will provide insights on current technology solutions, and the future innovations and developments coming from the Netherlands.

Diane Broad, Senior Consultant, Ecofys

**moderator** Dr Jacqueline Cramer, Director, Utrecht Sustainability Institute/Professor in Sustainable Innovation, Utrecht University

Jan Karel Mak, CEO/Chairman, Deerns Group

Jan Westra, Business Innovator, Priva

10:30-12:15

THURSDAY

# education sessions

## DISTRICT-SCALE SOLUTIONS

Smith Center  
Room 333



### Seattle's District Energy Efforts

District energy systems have a long successful track record internationally, but are less prevalent in the U.S. This session will explore the process and lessons learned from Seattle's efforts to plan for district energy in established, but growing, neighborhoods. Two major efforts, Seattle's Capitol Hill and Pike Place Market, are overcoming the hurdles of implementing a progressive neighborhood energy system in a highly complex existing urban setting.

Christle Baumel, Climate Protection Advisor, Office of Sustainability and Environment, City of Seattle

**moderator** Liz Dunn, Director of Sustainable Communities Policy, Preservation Green Lab

Ben Franz-Knight, Executive Director/Owner, Pike Place Market Preservation and Development Authority

Brian Griffith, Senior Sustainable Design Consultant, Affiliated Engineers NW  
Duncan Thieme, Principal Architect, SRG Partnership

## INNOVATION

Smith Center  
Room 328



### Social Sustainability in EcoDistricts: Best Practices in Tools and Methods for Prioritizing Equity Outcomes

Truly sustainable EcoDistricts require full inclusion of all social groups in development efforts. Panelists will share successful practical tools that ensure inclusive, equitable, and socially sustainable processes including, the Energy Democracy Project, the Equity Atlas, Protocol for Assessing Community Excellence in Environmental Health, and Community Partnership for Health and Equity. This interactive session will engage attendees in equity issues of racial equity, gentrification, environmental justice, and the social determinants of health and well-being.

Eileen Brennan, Research Professor of Social Work and Sustainability Scholar, Institute for Sustainable Solutions, Portland State University

**moderator** Veronica Dujon, Professor of Sociology, Portland State University

Anthony Giancaterino, Coordinator of Research and Advocacy, Center for Social Inclusion

Kris Smock, Co-project Manager, Regional Equity Atlas

Tricia Tillman, Administrator, Office of Equity and Inclusion, Oregon Health Authority



## MASTERS SPEAKER

Smith Center  
Ballroom



### Retrofitting the Suburbs

How are vacant big boxes, dead malls, dying commercial strips, aging garden apartment complexes, older office parks and outdated "edge cities" being retrofitted into more sustainable places? Ellen Dunham-Jones will present urban design strategies for re-inhabiting, redeveloping, and greening underperforming suburban-style properties based on the 400 ongoing case studies in her database and the 80 successful built examples documented in her and June Williamson's 2009/2011 book, Retrofitting Suburbia: Urban Design Solutions for Redesigning Suburbs.

Ellen Dunham-Jones, AIA, Architect and Professor, Georgia Institute of Technology

12:30-1:30

THURSDAY

# lunch + roundtables

Smith Center  
Room 328

## Portland's Brewery Blocks to DC's Southwest EcoDistrict

How can EcoDistrict developments learn and grow from one another? City planners and industry leaders will discuss how Portland's Brewery Blocks and the newly formed Southwest EcoDistrict, in DC, can help one another to improve livability and resources efficiency.

Otto Condon, Principal, ZGF Architects  
Fiona Cousins, Principal, Arup  
*moderator* Charles Kelly, Associate Partner, ZGF Architects  
Jill Sherman, Vice President, Gerding Edlen  
Dennis Wilde, Chief Sustainability Officer, Gerding Edlen

Smith Center  
Room 236

## EcoDistricts Research + Curriculum Luncheon

Please join Portland State University's Institute of Sustainable Solutions Director Jennifer Allen to explore the latest research in district-scale solutions for green neighborhoods. This luncheon will be an opportunity for networking, information-sharing and dialogue between Summit participants, faculty and researchers interested or engaged in EcoDistrict research and/or curriculum. Jennifer will kick off a round-table discussion, followed by an open time for general networking.



Jennifer Allen, Director, PSU's Institute for Sustainable Solutions

1:45-3:30

THURSDAY

# education sessions

IMPLEMENTATION  
Smith Center  
Room 329

## Neighborhood Certification Around the Globe: Challenges & Prospects

This panel will explore the struggles and promises of certifying sustainability at the neighborhood scale, and will examine programs around the globe, including Australia's Green Star Communities, the UK's BREEAM Communities, Japan's CASBEE for Urban Development, and the U.S.' SITES and LEED-ND. Panelists will compare and contrast the programs: their benefits and costs, the role of government and designers, and how neighborhood certification contributes to the global future.

*moderator* Eliot Allen, Principal, Criterion Planners  
Adam Beck, Executive Director, Market Development and Sustainable Communities, Green Building Council of Australia  
Bert Gregory, CEO and Principal, Mithun  
Helen Pineo, BREEAM Communities Manager, Building Research Establishment  
Ayyoob Sharifi, Ph.D. Candidate, Graduate School of Environmental Studies, Nagoya University (Japan)

IMPLEMENTATION  
Smith Center  
Room 327

## A Zero Net Energy Community at University of California—Davis

West Village is a newly constructed community at the University of California, Davis (UC Davis). With 1,400 current residents and a projected growth to 4,500 residents, the community will provide students, faculty and staff with proximate housing integrated fully into university life. The UC Davis project team will highlight the financial and design approach used to balance energy efficiency and green power investments with mechanism to influence everyday human behavior.



Dr A. Sidney England, PhD, Asst Vice Chancellor, Enviro. Stewardship & Sustainability, UC Davis  
*moderator* Robert B. Segar, Asst Vice Chancellor, Campus Planning & Comm. Resources, UC Davis  
Nolan Zail, Vice President of Development, Carmel Partners

DISTRICT-SCALE  
SOLUTIONS  
Smith Center  
Room 333

## EcoDistricts and Urban Ecology: A Novel Approach

Urban environments are home to novel ecosystems; assemblages of organisms and processes that have no historic analog. The same is true for the people: new social ecosystems with diverse populations engaged in community in unprecedented ways. These novel ecosystems are being called upon to provide the natural and social capital required to support healthy and resilient EcoDistricts. This session will explore methods for restoring and regenerating ecosystem functions (biological and social), at the community scale.

GLUMAC

Keith Bowers, Owner, BioHabitat  
Jason King, Principal and Owner, TERRA.fluxus  
*moderator* Nicole Isle, Chief Sustainability Strategist, Glumac

## education sessions

## INNOVATION

Smith Center  
Room 328**Swiss Context and Tools for EcoDistrict Development**

Switzerland recently voted to stop nuclear production by 2035, requiring new energy policy mandating better energy use and efficiency. Due to high energy consumption from households, various initiatives have emerged to better conceive of future districts. Switzerland's CREM will present tools to better tackle the integration of sustainable aspects when designing the districts of tomorrow.

Gaëtan Cherix, CEO, CREM  
Fabien Kuchler, Project Manager, CREM

## INNOVATION

Smith Center  
Room 236**Behavior + Walkability Revolutions: Design, Occupant engagement, and Valuation for "Green Lifestyles"**

Panelists will explore pioneering research from the Brookings and Garrison Institute, and case studies from BedZED and the Blairs Apartments. Learn about new advances in valuing walkability, "persuasion design", metering, and property management tactics for behavior change. Discover how human dimensions of energy consumption can be reshaped through EcoConcierges and other tactics. Dig into walkability metrics that allow stakeholders to improve their place's triple bottom line.

*moderator* Greg Searle, Executive Director, Bioregional North America  
Karen Ehrhardt-Martinez, PhD, Director, Climate, Mind and Behavior, Garrison Institute  
Mariela Alfonso, Founder, State of Place/President, Urban Imprint, Research Fellow/  
Adj. Professor, NYU-POLY

## MASTERS SPEAKER

Smith Center  
Ballroom**New Energy Cities: A Systems Approach to Local Energy Planning**

Cities have long engaged in energy planning, although the reasons vary from city to city. Today's climate imperative has changed the focus, but the challenges of building consensus and crafting the right solutions are as difficult as ever. Stephen will examine the history of urban energy planning; the drivers behind different local planning efforts; and the multi-faceted nature of the decision process, all of which reflect the tremendous complexity of the urban energy system.

Stephen Hammer, Research Scientist/Lecturer in Energy Planning, Department of Urban Studies and Planning, MIT



Institute for  
Sustainable Solutions  
PORTLAND STATE UNIVERSITY

## tours + workshop

8:30 - 12:30

## WORKSHOP

Smith Center  
Room 328**Planning for Sustainable Communities: An Australian Perspective**

In this half-day training session, participants will learn about the Green Star - Communities PILOT rating tool, one of the world's most holistic and comprehensive neighborhood sustainability assessment systems. Participants will gain new skills to better inform their policy development and project planning processes in their own communities.

Adam Beck, Executive Director, Market Development and Sustainable Communities,  
Green Building Council of Australia

Separate registration required: [ecodistrictssummit.com](http://ecodistrictssummit.com).

9:00 - 12:00

## TOUR

Meet at Jamison  
Square  
corner of NW Johnson  
and NW 10th**A Tour of Two Landmark Sustainable Neighborhoods**

Dennis Wilde (Gerding Edlen) and Troy Doss (City of Portland) will lead a walking tour of two of Portland's landmark sustainable neighborhoods. Dennis and Troy will weave a narrative about the lessons learned in South Waterfront; an industrial brownfield that features high density, mixed-use development; and the Pearl District; a post-industrial urban neighborhood that epitomizes the transformation of an existing manufacturing area into a vibrant living, shopping and working district.

Dennis Wilde, Chief Sustainability Officer, Gerding Edlen  
Troy Doss, City of Portland

Separate registration required: [ecodistrictssummit.com](http://ecodistrictssummit.com).

9:00 - 12:00

## TOUR

Meet at  
Smith Center  
corner of SW Broadway  
and SW Montgomery**Foster Green + Gateway EcoDistricts Tour**

Join leaders from Portland's two eastside EcoDistricts for an inside tour of the opportunities and challenges faced by these ethnically and economically diverse neighborhoods. The tour will highlight recent projects and redevelopments as well as work to date, key goals and priorities for each EcoDistrict. An Eco Shuttle bus will depart from PSU Smith Center at 9:00 a.m. sharp. Please arrive 10 minutes early. You will return to the Smith Center by 12:00 p.m.

Naomi Cole, Program Director, Portland Sustainability Institute  
Colleen Gifford, President, ABC Sustainable Solutions/  
Chair, Gateway EcoDistrict Steering Committee  
Ryan Givens, Senior Urban Designer/Land Use Planner, Cardno/  
Chair, Foster Green EcoDistrict Steering Committee

Separate registration required: [ecodistrictssummit.com](http://ecodistrictssummit.com).