

Wednesday, October 25th, 9:45-11:15am

Track:

Energy

Session Title:

Addressing Global Climate Change – Science and Strategies

Session Summary:

If NASA's top climate scientist is right, we have nine years to dramatically reduce and offset our greenhouse gas emissions. If we don't, the associated changes such as loss of biodiversity, sea level rise, rapidly changing ecologies, and diminished agricultural productivity are potentially catastrophic for future generations. This session addresses the state of climate change science, methods for measuring our institutional and municipal impact, and strategies for reversing the trend.

Panelists:

- Stephen Mulkey, PhD, Director, Research and Outreach/Extension UF School of Natural Resources and Environment
- Nina Powers, Education Specialist, Sustainable Sarasota, Sarasota County Government
- Rob Klemans, P.E., Environmental Resource Coordinator, Gainesville Regional Utilities
- Mark van Soestbergen, International Carbon Bank and Exchange, Inc.
- Brian Becker, PhD student, School of Natural Resources and Environment, University of Florida

Session Moderator:

Tom Ankersen, Legal Skills Professor and Director, Conservation Clinic, Center for Governmental Responsibility, University of Florida Levin College of Law

Session date/time/location: Wednesday, October 25th, 9:45-11:15am, Room 282

Track:

Land use, Planning, and Policy

Session Title:

Transportation Issues in Florida

Session Summary:

This panel will look at a number of initiatives being taken by the state and local jurisdictions to support transportation choices that lead to a more sustainable transportation system.

Panelists:

- Dennis Scott, FDOT Bicycle/Pedestrian Coordinator
- Amy Datz, FDOT Public Transportation Office, Transit Planning Section
- Martin Gутtenplan, FDOT Transportation Planner
- Randall Reid, Alachua County Manager

Session Moderator:

Linda B. Crider, PhD, Department of Urban and Regional Planning, University of Florida

Session date/time/location: Wednesday, October 25th, 9:45-11:15am, Auditorium

Track:

Personal Transformation

Session Title:

The Transformation of the American Consumer

Session Summary:

In the U.S., consumption has become so deeply embedded in both the culture and the psyche of our population that change will not happen without personal transformation. This roundtable will look first at consumerism and the need for lifestyle simplification and then examine three interrelated approaches, spiritual, emotional and intellectual, for precipitating transformation of consumers into sustainers.

Panelists:

- Diane DePuydt, PhD, Executive Director, Sustainable Alachua County
- Thomas Chesnes, PhD, Assistant Professor of Biology, Palm Beach Atlantic University
- Diane Alvarez, PhD, adjunct professor, University of South Florida and IFAS Master Gardener, Manatee County
- Patricia Grace, Extension Horticulture Agent, Putnam County Extension of the University of Florida, IFAS

Session Moderator:

Anna Peterson, PhD, University of Florida, Department of Religion

Session date/time/location: Wednesday, October 25th, 9:45-11:15am, Salon C

Track:

Landscaping and Conservation

Session Title:

Land Preservation for Floridians: Best Practices

Session Summary:

Preserving Florida's wild places as well as the state's working lands is of paramount importance to protecting our environmental and historical treasures as well as a diversified state economy. This session will educate participants about local government land protection strategies, land trust protection tools, and working landscape protection.

Panelists:

Ramesh Buch, Alachua County Land Conservation Manager
Lauren Day, Executive Director, Alachua Conservation Trust
Busy Shires Byerly, Executive Director, Conservation Trust for Florida

Session Moderator:

Robert Hutchinson, Project Manager, Alachua Conservation Trust

Session date/time/location: Wednesday, October 25th, 9:45-11:15am, Salon D

Track:

Energy

Session Title:

Waste-to-Energy Strategies

Session Summary:

Energy from waste can be a major part of the solution to the world's energy crisis. The term "waste" implies that the materials involved are a problem, whereas they should be viewed as renewable resources. In this session, Dr. Ann Wilkie will discuss the potential for biogas energy from organic waste. Mr. David Gustashaw will present a case study from LaGrange, Georgia, on utilization of landfill gas. Dr. Alex Green will describe an analytical method for evaluating sustainable energy options.

Panelists:

- Ann C. Wilkie, PhD, Professor, Environmental Microbiology, UF-IFAS
- David Gustashaw, Vice President of Engineering, InterfaceFLOR Commercial
- Alex Green, PhD, Graduate Research Professor Emeritus, Mechanical Engineering, UF-CoE

Session Moderator:

Mary Duryea, Associate Dean for Research and Associate Director, Florida Agricultural Experiment Station, UF-IFAS

Session date/time/location: Wednesday, October 25th, 9:45-11:15am, Salon G

Track:

Energy

Session Title:

Alternative Energy in Florida

Session Summary:

In a carbon constrained world, we must develop and employ alternatives to traditional fossil-based resources for our energy needs. This session will explore the implementation possibilities for fuel cells, photovoltaic applications, and a sustainable best practices award-winning partnership that employs both. Dr. Eric Wachsman will also present the framework for the proposed Florida Institute for Sustainable Energy.

Panelists:

- Eric D. Wachsman, PhD, UF-DOE High Temperature Electrochemistry Center
- John Masiello, Manager of Demand Side Management and Alternative Energy Strategies, Progress Energy Florida
- Jeff Wolfe, CEO, GRO, Inc. (Formerly Global Resource Options, Inc.)

Session Moderator:

Tim Anderson, PhD, Professor and Associate Dean for Research & Graduate Programs, University of Florida

Session date/time/location: Wednesday, October 25th, 9:45-11:15am, Salon H

Wednesday, October 25th, 12:30-2pm

Track:

Land use, Planning, and Policy

Session Title:

Building Community Support for a Sustainable Vision: Lessons Learned and Resources On Hand

Session Summary:

What's your vision for your community or region? How do we develop a shared vision? And how can we tell we are moving in the right direction? Luckily, several local and regional initiatives are laying the groundwork for others to follow – and they're willing to share lessons learned. Attendees will also learn how to tap into university resources such as Florida Atlantic University's Center for Urban & Environmental Solutions (CUES) which created and reports on indicators and provides assistance to regional efforts.

Panelists:

- Mary Beth Burton, Assistant Director, Center for Urban and Environmental Solutions, Florida Atlantic University
- Linda Chapin, Executive Committee member, myregion.org, and Director of the Metropolitan Center for Regional Studies, University of Central Florida
- Jodi John, Manager, Sustainable Sarasota, Sarasota County Government
- Stacy Ranieri, Sustainable Treasure Coast and The Firefly Group

Session Moderator:

Tim Center, Director, Council for Sustainable Florida

Session date/time/location: Wednesday, October 25th, 12:30-2pm, Room 282

Track:

Personal Transformation

Session Title:

Real World Models of Sustainable Development

Session Summary:

This round table discussion will present three models of sustainable living development: a model sustainable home that demonstrates interior and exterior sustainable living products and practices and gathers educational impact data from first time visitors, models of co-housing that demonstrate a form of intentional community and allow residents to participate in the design and development of their community, and models of "eco-villages," communities that are striving to create cooperative lifestyles in harmony with their local environments.

Panelists:

- Carolyn Gregov, PhD, Sarasota County Extension Director
- Betty Alpaugh, M.S., Education Specialist, Florida House
- Gregg Orifici, Director of Marketing and Admissions, Living Routes

Session Moderator:

Carolyn Gregov, PhD, Sarasota County Extension Director

Session date/time/location: Wednesday, October 25th, 12:30-2pm, Salon C

Wednesday, October 25th, 12:30-2:45pm

Track:

Campus Sustainability

Session Title:

National Campus Sustainability Day webcast: Where Is Your Campus on the Continuum of Integrated Sustainability Planning?

Session Summary:

We will connect to SCUP's 4th annual National Campus Sustainability Day webcast: *Where Is Your Campus on the Continuum of Integrated Sustainability Planning?* This year's web panelists hail from Arizona State University, Grand Valley State University, Harvard University, and Pima Community College.

Following the webcast, local Florida campus representatives will be available for a live, in-person Q&A session about how they initiated sustainability programs on their respective Florida campuses.

Panelists:

- Robert Van Der Like, President, E3 Resources, Inc.
- Marsha Turner, Director, Service Learning, Florida State University
- Les Thiele, PhD, Professor, Department of Political Science, University of Florida
- Sharon Hanna-West, Exide Distinguished Lecturer of Ethics and Sustainability, Department of Management, College of Business Administration, University of South Florida
- David Norvell, Energy Manager, Center for Energy and Sustainability; Physical Plant Assistant Director, University of Central Florida

Session Moderator:

Dedee DeLongpré, Director, Office of Sustainability, University of Florida

Session date/time/location: Wednesday, October 25th, 12:30-2:45pm, Auditorium

Wednesday, October 25th, 3-4:30pm

Track:

Campus Sustainability

Session Title:

Pedagogical Approaches to Integrating Sustainability

Session Summary:

This session seeks to address the different avenues of teaching sustainability through various methods in curriculum development. Methods presented will examine teaching sustainability through specific exercises with students; such as those presented in a design competition, through a course teaching Industrial Ecology framework, and aquatic science curriculum. A broad spectrum of student body will be covered from both the secondary and post-secondary educational standpoints, as a means of integrating sustainable use of resources into many current curriculum frameworks.

Panelists:

- Charles Hailey, PhD, School of Architecture, University of Florida
- Joe Delfino, PhD, Professor, Environmental Engineering Sciences, University of Florida
- Elisa Livengood, graduate student, School of Natural Resources, Interdisciplinary Ecology, University of Florida

Session Moderator:

Les Thiele, PhD, Professor, Department of Political Science, University of Florida

Session date/time/location: Wednesday, October 25th, 3-4:30pm, Room 282

Track:

Campus Sustainability

Session Title:

Local or Global - Must You Choose? Questions about Florida's Food Systems

Session Summary:

Where is your food produced -- locally or continents away? Actually, this may be the wrong question. Both local and global food systems have important, complementary roles to play in providing communities with a safe, reliable, affordable food supply. This roundtable looks at ways that we can successfully integrate food systems regardless of scale or source. The creation of social, intellectual and economic infrastructure to support sustainable food systems while preserving our state's natural resources is our obligation on our own campus and in the wider university community. This session will include a presentation on a zero-waste take-out system pilot from Eckerd College.

Panelists:

- Mr. Bob Hochmuth, Multi County Faculty, UF-IFAS Small Farms & Alternative Enterprises Program, North Florida Research & Education Center
- Mr. Juan Carlos Rodriguez, Education & Outreach Coordinator, Florida Organic Growers & Consumers
- Mr. Bill Zemba, Resident District Manager, Gator Dining Services
- Dr. Libby Schmidt, Owner and Operator of Spring Head Ranch
- Mr. Frankie Hall, Assistant Director, Agricultural Policy, Florida Farm Bureau
- Audrey Copeland, President, Sustainable Campus Task Force, Eckerd College

Session Moderator:

Mickie Swisher, PhD, Associate Professor, Family, Youth & Community Sciences and Director, UF-IFAS Center for Organic Agriculture

Session date/time/location: Wednesday, October 25th, 3-4:30pm, Auditorium

Track:

Community Transformation

Session Title:

Interdisciplinary Collaboration and “Living Laboratories”: The Role of Universities in Florida’s Natural and Built Environments

Session Summary:

Population growth and urbanization in Florida has led to diminished natural resource quality and availability. Mitigating this environmental degradation necessitates a collaborative approach to managing land uses for ecological, social, and economic sustainability. This session provides background on two related initiatives at the University of Florida, an overview of a research project examining the links between low income housing and energy intensity, and a facilitated discussion to examine the opportunities and constraints for interdisciplinary collaboration within and between universities.

Panelists:

- Stephen Mulkey, PhD, Director, Research and Outreach/Extension UF School of Natural Resources and Environment
- Pierce Jones, PhD, Professor and Director, UF Program for Resource Efficient Communities
- Jennison Kipp, Resource Economist, UF Program for Resource Efficient Communities
- Nick Taylor, Master of Science Student, M.E. Rinker, Sr. School of Building Construction, University of Florida

Session Moderator:

Hal S. Knowles, III, Coordinator, UF Program for Resource Efficient Communities

Session date/time/location: Wednesday, October 25th, 3-4:30pm, Salon C

Track:

Community Transformation

Session Title:

Campus Partners in Community Transformation - Case Studies: Historic Rehabilitation of the Cotton Club, The Old Florida Heritage Highway, and Civic Lights

Session Summary:

Universities and communities can establish mutually beneficial partnerships for community transformation. These three case studies illustrate the collaborative educational and sustainable development opportunities within our communities.

Panelists:

- Donna Isaacs, Graduate Research Assistant, University of Florida; Executive Director, The Cotton Club Museum and Cultural Center, Inc.
- Vivian Filer, Chair, The Cotton Club Museum and Cultural Center, Inc.
- Karen Cole-Smith, PhD, Executive Director, SFCC East Gainesville Initiative
- Jeanna Mastrodicasa, Commissioner, City of Gainesville
- Kathleen W. Pagan, Senior Planner, Alachua County Growth Management
- Stan Kaye, Project Director, Civic Lights

Session Moderator:

Charles Kibert, PhD, Director, UF Powell Center for Construction and Environment, University of Florida

Session date/time/location: Wednesday, October 25th, 3-4:30pm, Salon D

Track:

Campus Sustainability

Session Title:

UF-IFAS 2006 Bioenergy Interns

Session Summary:

The UF-IFAS Bioenergy Internship Program endeavors to cultivate sustainability through hands-on student involvement and participatory learning. The 2006 program allowed interns with diverse educational backgrounds to explore how renewable energy and sustainability practices could be integrated into the UF campus. The 2006 interns will describe their projects, what they learned in the program, and the potential applications, impacts, or influence their newfound knowledge may have. Project topics include biogas, biodiesel, solar energy, bioenergy policies, and student perceptions of bioenergy.

Panelists:

- James Duncan, student of Environmental Science, School of Natural Resources and Environment
- Scott Edmundson, student of Botany, College of Liberal Arts and Sciences
- Jennifer Fallon, student of English, College of Liberal Arts and Sciences
- Shunpei Iguchi, student of Environmental Science, School of Natural Resources and Environment
- Wei Liu, student of Environmental Engineering Science, College of Engineering
- Charlene Volpe, student of Environmental Science, School of Natural Resources and Environment

Session Moderator:

Ann C. Wilkie, PhD, Professor, Environmental Microbiology, UF-IFAS

Session date/time/location: Wednesday, October 25th, 3-4:30pm, Salon G

Track:

Land use, Planning, and Policy

Session Title:

From Policy to Action: Sustainable Campus Land Use and Transportation

Session Summary:

Sustainability principles permeate the University of Florida's campus master planning and transportation policies. In day-to-day practice, these policies translate to an array of initiatives including universal transit access, carpool programs, pedestrian-oriented design, green building, conservation land management, historic preservation, operations/maintenance, and community involvement. Hear how UF successfully applies sustainability in the "big picture" and "on the ground."

Panelists:

- Linda Dixon, AICP, Assistant Director, University of Florida Facilities Planning & Construction Division
- Ron Fuller, Assistant Director, University of Florida Transportation and Parking Services
- Allan Preston, Fleet Management, University of Florida Physical Plant Division

Session Moderator:

Joseli Macedo, PhD, Assistant Professor, Department of Urban and Regional Planning, University of Florida

Session date/time/location: Wednesday, October 25th, 3-4:30pm, Salon H

Thursday, October 26th, 9-9:45am

Track:

Plenary

Session Title:

The Role of Government in Creating Sustainable Communities

Session Summary:

Sustainability is a concept that bridges political divides. Day two of the conference begins with a presentation of some of the opportunities and challenges faced by those who have committed themselves to advancing sustainability in their work: a mayor, a county commissioner, and the director of the bipartisan Governor's Century Commission for a Sustainable Florida.

Panelists:

- Pegeen Hanrahan, Mayor, City of Gainesville
- Shannon Staub, Commissioner, Sarasota County
- Steve Seibert, Executive Director, Governor's Century Commission for a Sustainable Florida

Session Moderator:

Mark Brown, Director, Center for Environmental Policy, University of Florida

Session date/time/location: Thursday, October 26th, 9-9:45am, Auditorium

Thursday, October 26th, 10-11:30am

Track:

Landuse, Planning, and Policy

Session Title:

The Role of Local Government in Setting Policy that Supports Sustainability

Session Summary:

Sustainability as defined by research and advocates often passes through policy and budgetary filters in local governments in its implementation as programs. This process can be viewed as a negative resulting in the reduced scope and vision of sustainable actions due to the programmatic competition for limited resources within local governments. However, this panel will approach the question of implementation of sustainability via the policy and budgetary constraints as an opportunity to better inform the issues of sustainability by viewing problems systemically rather than individually (or more to the point, stand alone programs).

Panelists:

- Randall Reid, Alachua County Manager
- Steve Seibert, Executive Director, Governor's Century Commission for a Sustainable Florida
- Michael Shuman, Vice President, Enterprise Development, Training & Development Corporation

Session Moderator:

Randall Reid, Alachua County Manager

Session date/time/location: Thursday, October 26th, 10-11:30am, Auditorium

Track:

Green Building

Session Title:

University of Florida Green Buildings: Success Stories in LEEDership

Session Summary:

This session will present the basics of the LEED-NC as well as the basics of the energy modeling and commissioning processes being utilized on University of Florida LEED green building projects. It will explore the nuances, including costs, materials, and methods, of obtaining LEED silver certification.

Additionally, the University of Florida is noteworthy for its National Register district, its compatible evolution, and its preservation master plan. With a commitment to both preservation and sustainability and with one of the five largest enrollments nationwide, this campus case study offers a unique opportunity to explore these potentially compatible issues.

Panelists:

- Bahar Armaghani, LEED AP, LEED Faculty, Assistant Director, UF Facilities Planning and Construction
- Frank Moses, PE, Moses & Associates
- Michael J. Hess, PE, LEED AP, GreenTime LLC
- Miles Albertson, Associate Director, UF Facilities Planning and Construction
- Susan Tate, AIA, Architect and Professor, UF College of Design Construction & Planning
- Harold Barrand, Architect and Associate Director of Architecture and Engineering, UF Physical Plant
- Linda Stevenson, AIA, Architect, Stevenson Architects

Session Moderator:

Bahar Armaghani, LEED AP, LEED Faculty, Assistant Director, UF Facilities Planning and Construction

Session date/time/location: Thursday, October 26th, 10-11:30am, Room 282

Track:

Community Transformation

Session Title:

Tools for Community Transformation: Electronic Water and Community Atlases

Session Summary:

The wealth of nations today relies on intangible products: information goods or “intellectual property” such as ideas, symbols, and data. Our first speaker examines current controversies and efforts in sustainable management of the information environment and their effects on economic and cultural development, with particular emphasis on university communities. The Water and Community Atlases are GIS-based, web tools designed to meet the needs of a diverse group of stakeholders and allow users to view locally-relevant data at county, municipal and community/neighborhood scales.

Panelists:

- Gavin Baker, Political Science Student, President of Florida Free Culture, University of Florida

- Ron Chandler, Assistant in Research/Environmental Scientist, Florida Center for Community Design and Research, University of South Florida
- Terry Johnson, Associate in Research, Florida Center for Community Design and Research, University of South Florida

Session Moderator:

Charlie Vavrina, PhD, South Central Florida Extension Director

Session date/time/location: Thursday, October 26th, 10-11:30am, Salon C

Track:

Landscaping and Conservation

Session Title:

Opportunities for Enhancing Wildlife Populations and Protecting Florida's Water Resources through Public Outreach

Session Summary:

Concerns of decreasing wildlife habitat and effects on current and future water quantity and quality from residential development are being addressed by research-based programs of UF/IFAS Extension, working with local communities to educate homeowners and professionals. This panel addresses efforts to enhance nesting prospects for beneficial raptors in areas void of natural nesting sites by describing a nesting program ideal for outreach and education due to the public's fascination with owls. It also describes Florida Yards & Neighborhoods (FYN) community-based education activities related to sustainable landscape design and management.

Panelists:

- Richard Raid, PhD, Assoc. Professor, UF Everglades Research and Education Center
- Barbra Larson, UF/IFAS Florida Yards & Neighborhoods State Coordinator
- Rebecca Jordi, Urban Horticulture Agent, Nassau County UF/IFAS Extension
- Patricia Grace, Horticulture Agent, Putnam County UF/IFAS Extension
- Kim Gabel, Horticulture Extension Agent, Monroe County UF/IFAS Extension
- Thomas Becker, FYN Agent, Lee County UF/IFAS Extension
- Chris Dewey, FYN Coordinator, Pasco County UF/IFAS Extension
- Angela Polo, FYN Builders & Developers Coordinator, Sarasota/Manatee/Charlotte County UF/IFAS Extension
- Sylvia Durell, Senior Communications Coordinator, Southwest Florida Water Management District

Session Moderator:

Jennifer Gillett, PhD, Assistant Director, IPM Florida

Session date/time/location: Thursday, October 26th, 10-11:30am, Salon D

Track:

Campus Sustainability

Session Title:

Material Recovery and Electronics Recycling – Programs for Universities

Session Summary:

This session will feature a discussion of the implementation of sustainable and best management practices for electronics waste by a large state research and teaching institution. Panel members will bring insight from four unique perspectives.

Panelists:

- Jack Price, Program Director, Electronics Waste, Florida Department of Environmental Protection
- Amanda Jobes, Director, Asset Management, University of Florida
- Bill Coughlin, Program Director, Hazardous Materials Management, University of Florida
- Albert A. Krause, Solid Waste Coordinator, University of Florida

Session Moderator:

Stephen Musson, PhD candidate, University of Florida, Department of Environmental Engineering

Session date/time/location: Thursday, October 26th, 10-11:30am, Salon G

Track:

Water

Session Title:

Protecting Water Quality on a Watershed Scale

Session Summary:

Effective water quality protection using a watershed approach requires an understanding of the unique environmental, social, and economic factors that influence multiple sources of pollution. Increasingly, the sustainability concept of “carrying capacity” is being used to prioritize actions for improving water quality in specific watersheds. This panel will explore water quality protection strategies and tactics from different scales including regional/county, city, neighborhood, and Lake Alice on the UF campus.

Panelists:

- Chris Bird, Director, Alachua County Environmental Protection Department
- Sally Adkins, Coordinator, Gainesville Clean Water Partnership
- Jason Evans, Ph.D. Candidate, Interdisciplinary Ecology, University of Florida
- Mark Clark, Extension Specialist, Wetlands and Water Quality, Assistant Professor, UF Soil and Water Science Department

Session Moderator:

Allan Preston, Fleet Management, University of Florida Physical Plant Division

Session date/time/location: Thursday, October 26th, 10-11:30am, Salon H

Thursday, October 26th, 1:45-2:45pm

Track:

Plenary

Session Title:

Solutions for Your Life! The Role of Extension in Creating Sustainable Communities

Session Summary:

This plenary session will illustrate how extension and outreach programs contribute to sustainability in communities. Dr. Larry Arrington, will give an overview of Extension's role in sustainability. Dr. Lawrence Carter will discuss extension & outreach programs that aim to reach diverse audiences including, the Small Farmer Outreach Training and Technical Assistance Project, Business Enhancement Opportunities for Low Income Underrepresented Groups, and the State of Florida Governor's Energy Office Grant to Minimize Small Farm Inputs. Dr. Pierce Jones will discuss his role as a founding member of the Program for Resource Efficient Communities. Finally, Robert Halman, Collier County Extension Director, will discuss how natural disasters and acts of terrorism can affect any part of the United States as well as directly affect Florida at any time. The objective in this presentation is to evoke discussion into the diversity of role(s) extension education can play in a community's capability to respond proactively to disaster events thus improving a community's sustainability.

Panelists:

- Larry Arrington, PhD, Dean and Director for UF/IFAS Florida Cooperative Extension
- Lawrence Carter, PhD, Associate Dean , Florida A&M University, CESTA Cooperative Extension & Outreach Programs
- Pierce Jones, PhD, Professor & Director, Program for Resource Efficient Communities
- Robert Halman, Collier County Extension Director and Agriculture Agent

Session Moderator:

Jennifer Gillett, PhD, Assistant Director, IPM Florida

Session date/time/location: Thursday, October 26th, 1:45-2:45pm, Auditorium

Thursday, October 26th, 3-4:30pm

Track:

Green Building

Session Title:

Green Building Leadership and Certification

Session Summary:

This session will present the case for regional collaboration in green building through the work of four green building efforts:

- the regional green collaboration that is currently evolving in Florida and the Caribbean through U.S. Green Building Council chapters
- Sarasota County's adoption of the "2030 Challenge" Resolution to design all new buildings to be carbon-neutral by 2030, using no fossil fuel GHG emitting energy to operate
- builder case studies that detail the critical elements of a systems engineering process that has resulted in increased sales and fewer callbacks for several builders
- work with the construction industry to reduce builders' use of natural resources, while providing homeowners with a healthy and efficient home that create vital wildlife habitats

Panelists:

- Jonathan R. Toppe, AIA, NCARB, LEED AP, US Green Building Council, President, Florida Gulf Coast Chapter
- Nina Powers, Education Specialist, Sustainable Sarasota, Sarasota County
- Ken Fonorow, President, Florida HERO
- Jennifer Languell, PhD, President, Trifecta Construction Solutions; Director, WCI Green Building Demonstration and Learning Center, Florida Gulf Coast University

Session Moderator:

Mike Hess, LEED AP, GreenTime LLC

Session date/time/location: Thursday, October 26th, 3-4:30pm, Room 282

Track:

Energy

Session Title:

Biofuels - Processes and Feedstocks

Session Summary:

Due to the finite nature of fossil fuels, alternative sources of fuels and energy need to be developed to sustain the economy. Florida, due to its favorable climate and water resource, is ideal for growing plant materials to support lignocellulosic ethanol production. Sources of woody biomass in the South - urban wood waste, forest residues, and tree plantations – may also be used for power generation. Finally, this session will include reports on the opportunities and challenges facing two projects that are processing waste vegetable oil into biodiesel for use in vehicle fleets.

Panelists:

- Lauren McDonell, WUI Project Coordinator, School of Forest Resources & Conservation, University of Florida
- Matthew Langholtz, School of Forest Resources & Conservation, University of Florida
- Douglas Renk, Departmental Associate, Agricultural and Biological Engineering, University of Florida
- KT Shanmugam, Professor, Department of Microbiology and Cell Science, University of Florida
- Ray (RJ) Inman, Bio-Fuels Technician, St. John's County
- Joe Stephenson, Public Works Director, St. John's County

Session Moderator:

Mary Duryea, Associate Dean for Research and Associate Director, Florida Agricultural Experiment Station, UF-IFAS

Session date/time/location: Thursday, October 26th, 3-4:30pm, Auditorium

Track:

Land use, Planning, and Policy

Session Title:

Green Community Development

Session Summary:

Almost anyone can build a 'green' house. But how do you build a green development or community? This session presents excellent examples of varied and complimentary aspects of sustainable community development. Award-winning Harmony has stringent environmentally-friendly development standards on its 11,000 acres and a conservation education program for residents; the Burnt Store Corridor Sustainability Model is a public-private consensus-based plan for the 23,000+ acre corridor in southwest Florida; and the Lemon Bay Community Partnership created an interagency watershed management plan that crosses county lines. Creating a regional plan and following through is just part of the formula for success. Attendees will learn about these projects and the road to sustainability.

Panelists:

- Greg Golgowski, Conservation Director, Harmony
- Mitch Hutchcraft, Regional Vice President, The Bonita Bay Group
- Stephen M. Suau, P.E., Director, Lemon Bay League and Vice President, Integrated Water Solutions

Session Moderator:

Tim Center, Director, Council for Sustainable Florida

Session date/time/location: Thursday, October 26th, 3-4:30pm, Salon C

Track:

Landscaping and Conservation

Session Title:

Sustainable Landscapes for Homes, Businesses, and Institutions

Session Summary:

Maintenance makes or breaks a landscape. Learn about Florida-friendly landscape practices that sustain the health and beauty of plants – and our state. A panel of Extension and industry professionals will provide a useful checklist of steps you'll want to take.

The GreenEdge® concept has been developed with a focus on a value added process designed to produce marketable biosolid-based products from this renewable resource. The benefits of recycling this nutrient source as well as its advantages over chemical fertilizers will be discussed.

Panelists:

- Sydney Park Brown, Extension Horticulturist, Hillsborough County UF-IFAS Extension
- Pamela Mattis, Extension Horticulturist, Duval County UF-IFAS Extension
- Matt Eton, Florida Irrigation Society/North Florida Irrigation Equipment
- Covey Wise, Florida Landscape Maintenance Association, Wise Landscaping
- Amir Varshovi, PhD, President, GreenTechnologies, LLC

Session Moderator:

Jennifer Gillett, PhD, Assistant Director, IPM Florida

Session date/time/location: Thursday, October 26th, 3-4:30pm, Salon D

Track:

Community Transformation

Session Title:

Successful Collaboration for Sustainability: Green Industries Institute, National Network for Sustainable Living Education, and the Florida Natural Resources Leadership Institute

Session Summary:

This sessions features techniques utilized by multi-partner institutes that work to promote collaborative efforts in development and delivery of training for professional development, sustainable practices, and consensus building to promote environmentally sound business and life style practices through shared resources and expertise.

Panelists:

- Gale Allbritton, Executive Director, Green Industries Institute
- Nancy Peterson, Associate Director for Research and Outreach/Extension, School of Natural Resources and Environment, University of Florida

- Hal S. Knowles, III, Coordinator, Program for Resource Efficient Communities, University of Florida

Session Moderator:

Bruce Delaney, Executive Director, Florida Natural Resources Leadership Institute

Session date/time/location: Thursday, October 26th, 3-4:30pm, Salon G

Track:

Water

Session Title:

Low Impact Development Stormwater Management

Session Summary:

This session will look at the issues of low impact development (LID) and stormwater management. It will explore the interdisciplinary nature of LID from the perspectives of the science of LID, the regulatory aspects of LID, and the engineering/developer aspects of LID, as compared to conventional stormwater management. It will include a discussion of why we need LID in Florida, whether there are any successful examples of individual LID practices or holistic community scale systems in Florida, why LID is not more prevalent in Florida, and what needs to be done to increase the acceptance and implementation of LID in Florida.

Panelists:

- Steve Hofstetter, Senior Environmental Planner, Alachua County Department of Environmental Protection
- Mark Clark, Extension Specialist, Wetlands and Water Quality, Assistant Professor, UF Soil and Water Science Department

Session Moderator:

Tom Ankersen, Legal Skills Professor and Director, Conservation Clinic, Center for Governmental Responsibility, University of Florida Levin College of Law

Session date/time/location: Thursday, October 26th, 3-4:30pm, Salon H