



RCAP 2.0 IMPLEMENTATION WORKSHOP

Building Codes for Climate Resilience

FIU Biscayne Bay Campus | Kovens Conference Center
3000 NE 151st St, Miami, FL
March 14, 2019

SPEAKER LIST



ESBER ANDIROGLU, PHD, PE, LEED AP

Director of MS-Construction Management Program and Associate Professor in Practice Civil, Architectural and Environmental Engineering Department, University of Miami

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Dr. Esber Andiroglu is an associate professor of practice in the Department of Civil, Architectural, and Environmental Engineering and Director of MS – Construction Management Program at UM College of Engineering. In addition, he holds a secondary appointment as a faculty member at School of Architecture. A registered professional engineer and LEED AP accredited educator, he has extensive industry experience in evaluation, design, operation, and performance analysis of systems in built environments. His public education focus is centered around sustainability, preservation and recovery of energy and water resources, with academic emphasis on research and development of engineered solutions related to smart water-energy infrastructures in response to climate change challenges in urban community settings. Esber holds BS and MS degrees in mechanical engineering and a PhD in civil/architectural engineering.

Workshop co-hosted with:  **SEEA**
SOUTHEAST FLORIDA ENGINEERING COLLEGE

Implementation support
provided by:



With funding
support from:





KELLEY SMITH BURK

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Kelley Smith Burk is responsible for leading the Office of Energy as it develops energy policy and implements programs that promote the use of renewable energy, energy efficient technologies, and alternative transportation technologies for the state of Florida. Kelley is also a member of the Florida Building Commission.

Prior to joining the department, Kelley worked with the Florida Department of Environmental Protection’s Office of Strategic Projects and Planning as a policy analyst for the Governor’s Action Team on Energy and Climate Change. Kelley received her bachelor’s degree in history from Florida State University and her master’s degree in public policy from Pepperdine University.



NEIL BURNING

*Vice President Technical Resources, Government Relations
International Code Council*
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Neil Burning leads a team responsible for coordinating technical research, performs, analyses, and develops fact sheets and articles related to codes and standards in support of the ICC Government Relations Department.

Prior to joining ICC, Neil was Vice President of Construction, Codes & Standards for the National Association of Home Builders and a Building Official for Clark County, NV and Peoria, AZ.



KIMBERLY CHESLAK

Energy Code Specialist
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Kim Cheslak develops and implements IMT’s vision related to building energy codes. She does this through overseeing projects, managing key partner relationships, and directly supporting local governments to maximize savings through adoption of and compliance with code. Previously, she was instrumental in the formation of Washington D.C.’s Green Building Division in the Department of Consumer and Regulatory Affairs. Kim developed programs and tools to support and enforce compliance with D.C.’s green and energy codes by managing public education, interpretation, and code development. Kim is a LEED AP, WELL AP, and holds ICC certifications in residential and commercial energy and green inspections and plan review. She holds a BSArch from the University of Maryland, along with a MArch, MUD, and MSW from Washington University at Saint Louis.



JOHN HALL

Senior Code Officer (Electrical)
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John Hall serves as Senior Code Officer (Electrical) for Miami-Dade County Division of Board and Code Administration, providing support and oversight to 34 municipalities. He is a member of the Florida Building Commission, Electrical Technical Advisory Committee. He also serves as a member of UL Standard Technical Panels 1081, 4703, and 3003, related to pool pumps, PV wire, and distributed generation cables. With 44 years of experience in the electrical industry, he has been involved in residential, commercial, industrial, and high voltage projects. For the last 16 years, he has been involved in building code administration and enforcement, serving as City of Hialeah Chief Electrical Inspector for 12 years during that period. John is LEED AP certified.



DOUG HARVEY

Assistant Building Official

City of West Palm Beach

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As an Assistant Building Official at the City of West Palm Beach, Doug Harvey has many opportunities to work with owners, designers, installers, and regulators on a variety of projects. Having been involved with flood regulation training and the Florida Building Code, he has presented the advantages floodplain compliance over the years and is very aware of the task it is to protect the public and environment. Being trained as a Certified Floodplain Manager and enforcing the rules in the real world helps him understand the intent of the program. With years of experience in the construction industry, having worked on simple to complex projects, successfully modifying flood maps during revisions, and bringing projects to successful completion, Doug understands the thought and work it takes to bring all of the concepts together into a successful project. He appreciates architecture and the work AIA and its members do. He is proud to be the 2017 Bob Graham Architectural Awareness Award winner and treasures the relationship between Code professionals and Architects. He believes we need to speak the same language and have common goals to complete the project. Working with and training all the players to accomplish that is his latest mission.



ROGELIO MADAN

*Chief of Community Planning and Sustainability
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Rogelio Madan is the Chief of Community Planning & Sustainability for the City of Miami Beach Planning Department. He joined the city five years ago. He was previously a Planner with the City of Miami Planning Department. He is currently working to update the zoning code to encourage the revitalization of the North Beach neighborhood and require more sustainable development, as well as updating the city’s Comprehensive Plan. He has also worked on establishing parks concept plans and code amendments to better regulate medical uses and encourage the neighborhood revitalization.

While at the City of Miami, Rogelio participated in the development of the Miami21 form-based zoning code and revamping of the Comprehensive Plan. Rogelio is a member of the American Institute of Certified Planners. He received his undergraduate degree from the University of Central Florida in public administration with a minor in urban and regional planning, and master’s degree from Florida Atlantic University in urban and regional planning. Rogelio also serves on the Miami-Dade Planners Technical Committee, Miami-Dade Schools Staff Working Group, and Miami Springs Zoning & Planning Board.



MEGAN O’NEIL

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Megan O’Neil is the Manager for City Solutions at the Institute for Market Transformation, working with cities on energy policy advancement. Prior to joining IMT, Megan served as the Energy Programs Manager for the city of Atlanta, leading the development and implementation of the city’s clean energy policies and programming.



PETE QUINTELA

*Senior Code Officer
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Pete Quintela is a Senior Code Officer for Miami-Dade County’s Division of Board and Code Administration. He provides guidance to 34 municipalities in Miami-Dade County on compliance with the Florida Building Code, Energy Conservation. He has over 30 years of experience in the administration of the mechanical and energy building codes. He was Chief Mechanical Inspector for the City of Miami Beach, where his expertise was key in implementing the requirements of the energy conservation and mechanical codes while working with designers in both historic and very modern structures.

Pete is certified as a building official, plans examiner, inspector, and general mechanical contractor by the State of Florida, and is a member of the Florida Building Commission, Mechanical Technical Advisory Committee, and LEED AP.



Laurie Schoeman

*Senior National Program Director- Resilience and Disaster Recovery
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Laurie Schoeman is National Senior Program Director for resilience initiative for Enterprise Community Partners, a national nonprofit that makes well-designed homes affordable and strengthens communities. She oversees Enterprise’s efforts to preserve and protect the nation’s affordable housing from the risks and impacts of natural hazards. Her team assists CDCs, cities, and states in a wide range of communities across the nation to develop housing that can sustain impacts of natural hazards, and incorporate innovative resiliency ideas into reconstruction of communities post-event by innovating programming, providing technical assistance, and advocacy support. Laurie is committed to building climate resilient housing across the nation and developing strategic and action-oriented programs helping vulnerable communities mitigate impacts of natural hazards with public and private sector partners.

Prior to joining Enterprise, Laurie developed a series of innovative infrastructure projects in California, including San Francisco’s award-winning Eco Center at Herons’ Head Park, and led the effort to develop and pass the nation’s first utility-sponsored environmental justice policy. In New York City, she helped

create the first rooftop urban-agriculture STEM education lab and assisted with a series of first-generation policies, programs, and legislation to encourage development of green and resilient infrastructure across the region. Laurie has a master's in urban planning from the City University of New York and a bachelor's. from Smith College.



JULIE SHIYOU-WOODARD

President and CEO

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As the President and Chief Executive Officer for Smart Home America, Julie Shiyou-Woodard oversees operations, provides organizational direction, and develops partnerships for a national, not-for-profit whose mission is to build resilient and sustainable communities. Julie has developed and managed environmental and hazard mitigation funding and projects in collaboration with federal, state, and local agencies throughout her career.



KRISTOPHER STENGER, AIA, CBO, LEED, AP

Assistant Director of Building & Sustainability

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Kristopher Stenger has spent the last five years as the Assistant Director of Building & Sustainability for the City of Winter Park. Previously Kris was in private practice with architectural firms in Arizona, Texas, and Florida, and also served as the Orange County architect for nine years. Kris serves on the American Institute of Architects National Codes and Standards Committee, the International Code Council Sustainable Energy and High Performing Buildings Code Action Committee, the ICC National Green Building Standard Consensus Committee, and is current President of the Building Officials of Florida Central Florida Chapter. Kristopher is a graduate of the University of Illinois and received a master's in architecture from Arizona State University in 2001.



ARLENE STEWART

President

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Arlene Zavocki Stewart is the principal for AZS Consulting, Inc., a firm established in 2000 specializing in energy efficient and sustainable building compliance, certification, training, and promotion. AZS Consulting works with nonprofits and government agencies to identify and fix barriers to market transformation and code implementation as well as private industry seeking to understand, excel in, and develop product for the energy efficiency and green building sectors. As Florida’s Circuit Rider, Arlene provides energy conservation code clarification and training to professionals in the field of construction.

Arlene’s career accomplishments include advising the Florida Energy Office on the duct testing provisions, developing the certification program for Florida Water StarSM, introducing commercial lighting densities to the Florida Building Code (FBC), estimated to save over 150 million kW per year and being named 2012 Associate Member of the Year by the Florida Home Builders Association. In 2017, AZS Consulting delivered over 2500 continuing education credit hours across 15 counties.



FLAVIA TONIOLI

Sustainability Manager

City of Miami Beach

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Flavia Tonioli is the City of Miami Beach’s Sustainability Manager. In this role, Flavia leads the sustainability efforts at the City of Miami Beach with the goal of incorporating sustainability into capital projects, operations, and regulations through strategic policy, while improving efficiency, cost, and longevity. Previously, Flavia was with The Nature Conservancy as Associate Director of Development for the Latin America Region, where she worked collaboratively with cross-functional teams amongst multiple operating units to advance business deals, develop fundraising pipelines and contribute to the strategic planning and development process for conservation programs. Flavia was also with NOAA as a Senior Researcher, where she advised the implementation of policies, plans, and strategic management for sustainable fisheries in Florida and the Caribbean. She holds a bachelor of science in oceanography, a master of arts in marine affairs and policy, and an MBA from the University of Miami.