

Implementation Workshop

Advancing Residential Private Property Resilience, Risk Reduction, and Sustainability

JUANITA BALLESTEROS

Sustainability and Resilience Manager
City of Miami Beach



Juanita Ballesteros's career expertise lies at the intersection of urban planning, design, and resilience. Committed to creating environmentally and socially resilient urban spaces, Juanita drives efforts that ensure Miami Beach remains a vibrant and sustainable community for future generations. Juanita is the sustainability and resilience manager for the City of Miami Beach, where she leads initiatives aimed at enhancing the city's climate change mitigation and adaptation strategies. In her role, she oversees sustainability programs that focus on energy reduction, water conservation, recycling and waste reduction, education, and outreach. These programs focus on

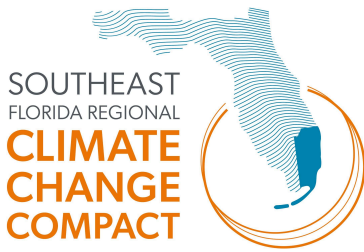
climate change adaptation to help the city plan for and bounce back from sudden shocks and long-term stresses that are exacerbated by climate change, particularly as it relates to flood risk reduction for both public and private properties. Juanita holds dual Master of Science degrees in City Planning and Landscape Architecture from the University of California, Berkeley, and a Bachelor of Science in Architecture from the Massachusetts Institute of Technology.

MELISSA BERTHIER

Director of Marketing and Communications
City of Miami Beach



Melissa Berthier's 20-year career has spanned a variety of industries from nonprofits to magazines, beauty to transit, and—for over a decade—local government. Berthier started with the City of Miami Beach in 2013 and now serves as its director of marketing and communications. She oversees all city communication efforts, including daily liaising with local and national media, manages a robust social media apparatus, and supervises the production of all video programming as well as hundreds of original graphics. Passionate about the city she calls home, Berthier has placed Miami Beach



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initiatives in all major national publications and prime-time newscasts. She has responded to some of the city's most daunting challenges—from COVID-19 to Zika, rising seas to destructive hurricanes, complex police investigations, legal quagmires, and the city's response to the Surfside building collapse. Berthier manages her many responsibilities while raising two young daughters with her husband in what she considers to be the greatest city in the world.

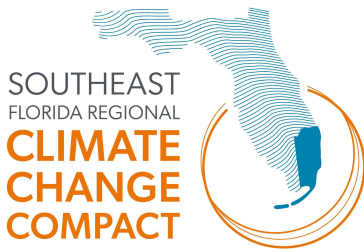
KATHARINE BURGESS

Vice President of Land Use and Development
Smart Growth America



Katharine Burgess is the vice president of land use and development at Smart Growth America (SGA), where she oversees advocacy, research, and technical assistance within SGA's land use. A specialist in land use and climate adaptation, she brings SGA twenty years of experience in urban planning, including in the U.S. and internationally in the U.K. and Germany. She has published articles and research on urban planning and housing topics cited in *The New York Times*, CNBC, *The Washington Post*, *Bloomberg*, and *Planning* magazine. Prior to SGA, Katharine led the Urban Resilience Program at the Urban

Land Institute (ULI), where she built up the organization's work addressing how buildings, cities, and communities can be more prepared for the impacts of climate change, such as sea level rise, extreme heat, wildfires, and other climate hazards. She has also worked in research at the Landscape Architecture Foundation and has managed large-scale master planning projects as a land use consultant, including campus plans, main street or downtown master plans, and a new community for 10,000 people. She began her career managing post-Katrina hurricane recovery charrettes commissioned by the States of Louisiana and Mississippi and the City of New Orleans. She holds a Master of Science in Regional and Urban Planning from the London School of Economics and a Bachelor of Arts from Williams College.



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LESLIE CHAPMAN-HENDERSON

President & CEO

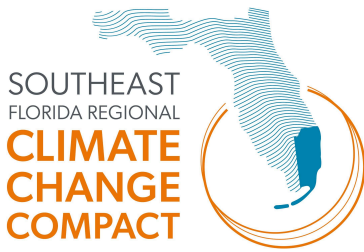
Federal Alliance for Safe Homes (FLASH)



Leslie Chapman-Henderson is the president and chief executive officer of the nonprofit Federal Alliance for Safe Homes (FLASH), the country's leading consumer advocate for strengthening homes and safeguarding families from natural and manmade disasters. FLASH was founded in 1998 and brings together more than 100 diverse partners that share a vision of making America a more disaster-resilient nation.

Leslie's experience and expertise span creative, technical, and public policy initiatives from the delivery of the award-winning, 4-D "edu-tainment" experience, StormStruck: A Tale of Two Homes® at Epcot® at the Walt Disney World® Resort to the development of Blueprint for Safety®, a landmark education program. In 2016, she developed the award-winning National Hurricane Resilience Initiative, #HurricaneStrong, presented by the Federal Emergency Management Agency (FEMA), FLASH, the National Oceanic and Atmospheric Administration (NOAA), and The Weather Channel. One of her most recent projects is the creation of "No Code. No Confidence. – InspectToProtect.org," a groundbreaking, research-informed public education campaign that drives resilience by increasing transparency regarding building code adoption statuses across the United States. In 2016, she and her team organized the landmark National Earthquake Conference that inspired worldwide news coverage and \$10 million in additional funding for the Earthquake Early Warning research effort.

She promotes resilience through public speaking, testimony, commentary papers, the *Road to Resilience* blog, and bringing together disaster safety thought leaders to leverage collaboration for the cause. During the 2023 National Hurricane Conference, Leslie was honored with the prestigious Neil Frank Award, the conference's highest honor, for her exceptional work on improving hurricane preparedness. She was the first woman ever to receive the award.



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ERIN DEADY

Principal
Erin Deady Law

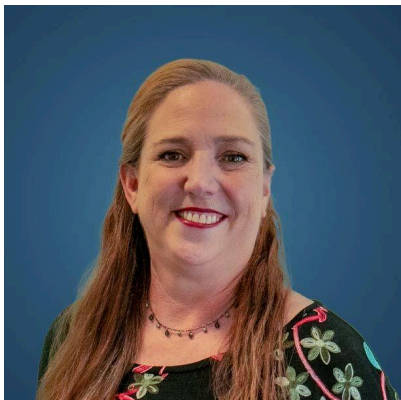


The firm of Erin L. Deady, P.A. specializes in sustainability, climate, environment, land use, water law, and securing grants for clients. Clients include local governments, special districts, private sector, agricultural and tribal entities specializing in climate planning issues, Gulf of Mexico and Everglades restoration, the Property Assessed Clean Energy (PACE) program implementation, code development, and all types of land use issues. The firm also works on federal and state litigation on energy, water resources management, and environmental regulatory matters. Ms. Deady previously served as environmental counsel to Audubon of Florida and has worked for the Village of Wellington, the Broward County

Department of Planning and Environmental Protection, and the South Florida Water Management District.

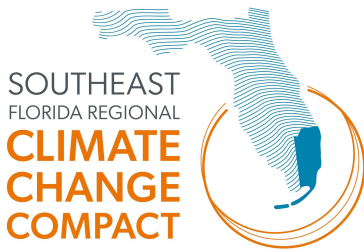
ALISON HIGGINS

Resiliency Manager
City of Key West



Alison has served as the resiliency manager for the City of Key West for 13 years, dedicated to reducing the carbon footprint of residents, businesses and agencies islandwide. From biodiesel to bikes, community gardens to greywater, solar water heaters to stormwater infrastructure, and adapting Key West to rising sea levels, Alison gets to cover it all. Alison received her Master of Arts in Environment and Community from Antioch University-Seattle while working full-time in the Florida Keys. Her enthusiasm for her studies became the underpinnings to her success as volunteer executive director of Green Living & Energy Education (GLEE) and her climate change work with her

previous employer of 14 years, the Nature Conservancy. Alison directly obtained over \$5.7M in



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grant awards. Dedicated to forging partnerships, Alison traveled to Washington D.C. to receive a Power of Partnership Award from the U.S. Fish & Wildlife Service Secretary in 2006. In her off hours, Alison also overcommits her time babysitting pets, brewing beer, and winning awards for awesome parade creations!

ALANNAH IRWIN

Administrator, Sustainability and Resiliency
City of Boynton Beach



Alannah Irwin serves as the sustainability and resiliency administrator for the City of Boynton Beach, where she leads the development and implementation of sustainability and climate resilience initiatives. With over a decade of experience in public administration, her background includes environmental policy, regulatory compliance, and sustainability and resilience planning. Alannah is committed to advancing public health and environmental stewardship through collaborative, forward-thinking approaches. She brings a strong record of managing complex environmental programs, cultivating strategic partnerships, and engaging the

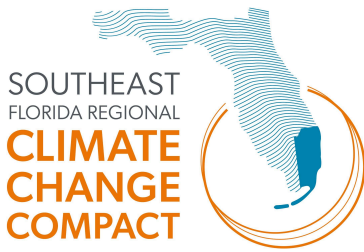
community to promote sustainability. Alannah holds a Bachelor of Science in Geosciences with a concentration in Atmospheric Sciences, a Master of Science in Geosciences with a focus on Applied Meteorology, and a Graduate Certificate in Natural Resource Policy and Administration.

AMY KNOWLES

Chief Resilience Officer
City of Miami Beach



Amy Knowles joined the City of Miami Beach in January 2016. As chief resilience officer, she oversees the Environment and Sustainability Department as well as the climate resilience strategy, working across city departments and stakeholders. Amy participates in the work of the Southeast Florida Climate Compact and in countywide planning. Her resilience planning includes Resilient305, a unique resilience strategy for Greater



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Miami and the Beaches, and the Miami Beach Strategic Plan through the Lens of Resilience, both unanimously adopted by the City of Miami Beach in 2019. Recent innovative projects include the Urban Land Institute Panel on Stormwater Management and Climate Adaptation, as well as the Business Case Analysis of the Stormwater Program. She is also working with the city's Floodplain Manager on the National Flood Insurance Program Community Rating System. Amy holds a Master of Business Administration from the University of Miami and a Bachelor of Arts in Environmental Studies from Binghamton University in New York. She is a graduate of Leadership ICMA, the University of Virginia Senior Executive Institute, and the Harvard Kennedy School's executive program.

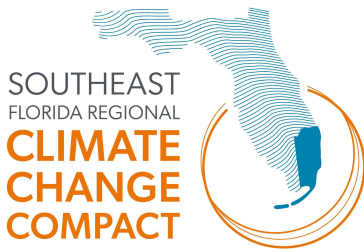
RICHARD MCGUINNESS

Deputy Director, Climate and Coastal Resilience Infrastructure Delivery
City of Boston

Richard McGuinness is the deputy director for climate and coastal resilience infrastructure delivery at the City of Boston. He leads the Boston Planning and Development Agency's (BPDA) planning efforts in Boston with an emphasis on climate change, the environment, and resilient infrastructure. The framework for preparing the City of Boston for climate change is established in Imagine Boston 2030, the first citywide plan in 50 years, as well as Climate Ready Boston and the Climate Action Plan. He manages initiatives in Climate Ready Boston including expanding flood regulations to include future floodplains, revising Boston's zoning to support climate-ready buildings, and developing resiliency plans and flood defense overlay districts. He leads and manages BPDA policy efforts to address Boston's goal to be carbon neutral by 2050 and tackle urban heat islands.

Richard is part of the leadership team that sets the BPDA's waterfront planning and economic development agenda in support of the city's larger policy priorities to revitalize Boston's waterfront, create job growth, and connect the city to its harbor.

Richard has been directly involved in many of Boston's important waterfront planning efforts in the last 20 years. They include the planning of the South Boston Waterfront; the Boston Harborwalk program, a proposed continuous 47 mile public walkway along Boston Harbor; and the Inner Harbor Water Transportation Plan. Under his direction, the city produced the Imagine Boston 2030 Waterfront Vision, the Downtown Waterfront Public Realm Plan, the Flynn Marine Park Master Plan, and Coastal Resilient Solutions for Charlestown, East Boston, South Boston,



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and Dorchester. He has implemented zoning that will address future flooding risks due to sea-level rise. He is developing policy and zoning to ensure construction is achieving the city's carbon neutral building objectives. In addition to leading many planning studies, he participates in community engagements to solicit stakeholder feedback that is essential to the success of any planning effort.

Apart from his work at the BPDA, Richard represents Boston on the Massachusetts Seaport Economic Council and the Water Transportation Council. He also represents the city on the Boston Harbor Islands National Recreation Area Partnership. He is a member of Lambda Alpha International Land Economics Society. He received a Bachelor of Arts in Political Science from the Catholic University of America and has completed graduate work in the Environmental Science Program at UMASS Boston. Richard is a recipient of a Henry L. Shattuck Public Service Award.

MICHAEL RODRIGUEZ

Director of Research
Smart Growth America

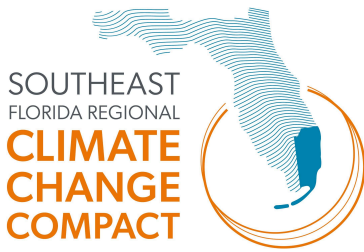


Michael Rodriguez, Ph.D., AICP, is Director of Research for Smart Growth America (SGA), where he conducts and oversees quantitative and qualitative research through SGA's many research initiatives. His expertise is in fiscal and economic impacts of transportation, housing, and infrastructure projects, especially with regard to smart growth and walkability.

Michael is co-author of "Foot Traffic Ahead 2023," a statistical survey of walkable urbanism in the U.S.; econometric research on the economic and fiscal impacts of catalytic development in Downtown Detroit; and "WalkUP, Wake-Up: NY Metro," a study of walkability in metropolitan New York and part of the Fourth

Regional Plan.

At SGA, Michael has worked with scores of communities assessing the fiscal impacts of development scenarios, and statistical impacts of infrastructure and development alternatives. He leads Benefit-Cost Analysis and technical assistance for communities seeking federal



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grants. Michael brings over 14 years of professional urbanism experience to SGA from roles at top real estate, research, and transportation organizations.

As a resident of Tysons Corner, Virginia, Michael promotes smart growth in one of the fastest-growing regions in the country. He holds a dual Master of Public Administration and a Master of Science in urban and regional planning from the University of Wisconsin – Madison, and a Ph.D. in public policy focused on urban economics from The George Washington University.