READYING SEFL COMMUNITIES FOR RESILIENCY FUNDING

TEMILOLA AFOLABI

Research Associate
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Temilola Afolabi is a Research Associate at the Center for Open Data Enterprise (CODEs). In this role, Temi is responsible for leading research efforts on how open data can be applied for various social good efforts, writing reports with actionable recommendations for the federal government, and supporting roundtable logistics and stakeholder engagement. She also co-leads CODEs Open Data for Racial Equity program, where she works to identify ways to advance racial equity in fair housing, criminal justice, environmental justice, healthcare, and the workforce using open data. Temi received her bachelor's degree at the University of Maryland College Park, where she studied International Government and Politics, with a minor certificate in International Development and Conflict Management.

JUAN DECLET-BARRETO

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Dr. Juan Declet-Barreto is the Senior Social Scientist for Climate Vulnerability at the Union of Concerned Scientists. At UCS, his research maps, analyzes, and finds solutions to the unequal human health and livelihood impacts of environmental hazards, particularly those exacerbated by climate change. Before joining UCS, Dr. Declet-Barreto spent two years as a climate and health research fellow with the Natural Resources Defense Council, where he helped link climate change to adverse health impacts, with a special attention on low-income communities, and communities populated predominantly by people of color. Dr. Declet-Barreto earned a Ph.D. in environmental social sciences, M.A. and B.S. degrees in geography, and an associate's degree in geographic information systems, from Arizona State University.

KEREN BOLTER

Senior Planner
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Keren Bolter, Ph.D is Arcadis' Urban and Coastal Resiliency expert. She leads climate change initiatives which focus on communication that translates information to action. Her experience includes creating and teaching about risk mapping tools which foster data driven decision-making and collaboration. Dr. Bolter's background in climate research utilizes LIDAR elevation, storm surge, and groundwater data. Her analyses overlay assets, health data, and socioeconomic data to determine the consequences of climate-related shocks and stressors. She has presented her models and research via 2 TEDx talks, and on NBC, PBS, National Geographic and more. Dr. Bolter conducts benefit-cost analyses for pre-disaster mitigation to support funding. Her efforts for funding infrastructure resilience have led to the development of successful grant applications that led to a cumulative award total of over $85M.

KATIE HAGEMANN

Resilience Program Manager for Adaptation, Office of Resilience
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Katherine Hagemann is the Resilience Program Manager for Adaptation within the Office of Resilience at Miami-Dade County. Her work focuses primarily on climate change and adaptation and implementing the County's Sea Level Rise Strategy. Before moving to Miami she also worked on coastal climate adaptation during the post-Sandy Rebuild by Design and National Disaster Resilience competitions. She earned her Master of Environmental Science from the Yale School of Forestry and Environmental Science where she studied how cities can use a hybrid of grey and green infrastructure to adapt to rising sea levels.

WHITNEY GRAY

Administrator, Florida Resilient Coastlines Program
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Whitney Gray is the Administrator of the Florida Resilient Coastlines Program in the Florida Coastal Office of the Department of the Environment, where she works to bring sea level rise resilience planning to the forefront of the department's activity for the long-term benefit of the people and ecosystems of Florida. She first worked on climate change vulnerability assessment and adaptation planning with the Southwest Florida Regional Planning Council. Previously, Whitney served as Sea Level Rise Coordinator for both the Florida Fish and Wildlife Conservation Commission and Florida Sea Grant, specializing in the effects of sea level rise on coastal ecosystems. She coordinated an internal climate change seminar series, "Florida Adapts," and served as a subject matter expert on species action plans during the Imperiled Species Management Planning process. Whitney holds bachelor's and master's degrees from the University of Florida, where she studied zoology and systems ecology.

REBECCA HARVEY

Sustainability Coordinator
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Rebecca Harvey brings 20 years of experience as an environmental researcher and communicator to serve as the City of Boynton Beach's first Sustainability Coordinator. A California native, she studied at the University of California-San Diego and the University of Wisconsin-Madison, where she completed two master's degrees in Sociology and Environmental Studies. She has published peer-reviewed articles on environmental attitudes, invasive species management, and Everglades ecology. She is also a trained Climate Reality Leader. Rebecca has recently updated the City of Boynton Beach's Climate Action Plan with targets to reduce greenhouse gas emissions 50% by 2035 and achieve net zero by 2050. She has been a driving force in the Coastal Resilience Partnership of Southeast Palm Beach County, a coalition of municipalities working together on climate change adaptation.

PAUL KUHNE

Roundtables Program Manager
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Paul Kuhne is the Roundtables Program Manager at the Center for Open Data Enterprise (CODE). In this role, Paul oversees CODE's high-level Roundtables which convene stakeholders and industry experts to identify opportunities for better open data use for federal agencies, nonprofits, and community organizations. He has planned and facilitated eight federal-level Roundtables on topics related to data in healthcare and climate, including a Roundtable this past June on Data for Climate Risk Assessment in Vulnerable Communities. Paul has nearly ten years of professional experience in community engagement, programs development, and partnership building. He has a master's degree in Global Policy Studies at the LBJ School of Public Affairs where he studied program monitoring and evaluation, and researched topics on open data and government transparency.

CAROLINA MARAN

District Resilience Officer
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Carolina Maran, Ph.D., P.E. is the District Resilience Officer with South Florida Water Management District. In her role, she is responsible for coordinating resilience efforts across federal, state, regional and local agencies, advancing scientific research and data analysis to ensure the District's resilience planning and projects are founded on the best available science; and, developing and implementing comprehensive resiliency goals to mitigate and adapt to the challenges facing the District's infrastructure and core functions from sea level rise and other climate change impacts. Dr. Maran has nearly 20 years of experience working on water resources planning, management, and regulation; water and climate resiliency; water allocation rules and conflict resolution; hydrologic and hydraulic modeling, decision support systems and GIS. Prior to joining SFWMD, Carolina was the Water Manager at Broward County, worked over 10 years as a Water Resources Specialist for the Federal Water Agency in Brazil, and collaborated with International Organizations as part of technical consulting teams. She holds a Ph.D. in Civil and Environmental Engineering – Water Resources from Colorado State University and a master's degree in Water Resources Engineering from Parana Federal University in Brazil. Currently, she serves on the Florida Water and Climate Alliance Steering Committee, Southeast Florida Regional Climate Compact Steering Committee, and on the Board of Directors of South Florida Hydrologic Society and the Resilient Utility Coalition.

AKINTUNDE OWOSINA

Chief of Hydrology and Hydraulics Bureau
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Akintunde Owosina, P.E. is the chief of the Hydrology and Hydraulics Bureau at the South Florida Water Management District (SFWMD). He is a civil and environmental engineer by training with over 30 years of international and local, private sector and government experience in water resources and numerical modeling. He oversees a program with over 80 engineers and scientists responsible for data acquisition and quality control, numerical modeling, hydraulics and hydrology analyses in support of the District's mission. He has guided technical teams responsible for evaluating several key initiatives ranging from Everglades Restorations, regional water supply planning, development of operating plans and strategies for flood control infrastructure and assessing the effects of sea level rise on agency assets and mission. He is an alumnus of the University of Lagos, Nigeria and Utah State University and is a registered professional engineer in the state of Florida.

ALYSSA JONES WOOD (SHE/HER)

Sustainability & Resiliency Officer
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Alyssa Jones Wood is the Sustainability & Resiliency Officer in the City of Hallandale Beach's new office of Grants Management, Sustainability, & Innovation. Alyssa joined the City of Hallandale Beach in 2018 as the City's Green Initiatives Coordinator. At the City she carries out various projects and programs related to climate adaptation and mitigation, habitat restoration, energy and water efficiency, and community engagement. Her previous work experience spans the public, private, and non-profit sectors, always focusing on the intersections of environment and people. She holds a M.S. in Geosciences: Human-Environment Sustainability from FAU and a B.A. in Environmental Studies from the Harriet L. Wilkes Honors College of FAU. Alyssa is a proud AmeriCorps VISTA alumna and serves on the Board of Lake Worth Waterkeeper.

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