

BROWARD YOUTH CLIMATE SUMMIT

For our future



**Global Events Center
January 25, 2019**

Welcome

EVENT SCHEDULE

9:00 AM - 9:35 AM	Registration, Exhibitor Hall <i>Velocity Center</i>
9:45 AM - 10:00 AM Opening Ceremonies <i>Global Events Center</i>	Dr. Jennifer Jurado, Director & Chief Resilience Officer , Broward County Environmental Planning and Community Resilience Division Susan Cantrick , Director, BCPS Applied Learning Department Sponsor Remarks: Hector Ponte, Wells Fargo Market President, Carollo Engineers, National Wildlife Federation, Florida Atlantic University, AECOM, E Sciences
10:00 AM - 11:00 AM	Active Voice Project – Climate Action Plan - BCPS Civic Engagement Staff
11:00 AM - 12:30 PM Keynote Speaker Panel and Lunch <i>Global Events Center</i>	Delaney Reynolds , Founder & Activist, The Sink or Swim Project Zelalem Adefris , Miami Climate Alliance Dr. Ben Kirtman , University of Miami Jeff Huber , FAU, Brooks + Scarpa Carey Stanton , National Wildlife Federation Jackie Ventura , Miami Heat Teresa Elena Frontado , WLRN
12:30 PM - 12:45 PM	Mindfulness Break – Linda Gancitano, Driftwood Middle
12:45 - 1:30 PM Student Panel or Exhibitor Hall	Beachside Montessori Village - Food Recovery Dillard High and Parkway Middle - Sistrunk Bioswale Project Driftwood Middle - How Low Can You Go Challenge Pace Center for Girls - Pace Center for Girls Goes Green
1:30- 2:15PM	South Broward High - C.O.R.A.L. South Plantation High - Tiny House
2:30 PM	Dismissal



DELANEY ANNE REYNOLDS

Delaney Reynolds is a sophomore at the University of Miami's Rosenstiel School of Marine & Atmospheric Science where she is pursuing a Double Major in Marine Science and Geology as a recipient of both a Singer Scholarship and a Foote Fellowship. Delaney is the founder and CEO of The Sink or Swim Project, a 501 (c) non-profit company, as well as creator of its website, www.miamisearise.com. Delaney enjoys educating people through her website, blog, school and community lectures, television and social media. She is also active in political advocacy and seeking solutions to some of the world's most pressing environmental challenges. Delaney has addressed the United Nations General Assembly in New York, conceived and help author a historical mandatory solar power law in South Miami and suing the State of Florida and its Governor to ask the judicial system to help protect our climate. To learn more about Delaney, please visit www.delaneyreynolds.com.

ZELALEM ADEFRIS

Zelalem Adefris is the Resilience Director at Catalyst Miami, as well as a Steering Committee Member of the Miami Climate Alliance. She holds an MPH in Global Environmental Health from Emory University and a Bachelor's degree in Community Health from Brown University.



Her previous work experiences include environmental justice organizing at the Environmental Justice League of Rhode Island and conducting emergency preparedness research at the United States Centers for Disease Control and Prevention. At Catalyst Miami, Zelalem works to educate Miami-Dade County residents on climate threats, build climate leadership in Miami-Dade County's low- and middle-income communities, implement programs that strengthen community resilience, and advocate for equitable climate policies.

BEN KIRTMAN, PH.D

Dr. Ben Kirtman is a professor at the Department of Atmospheric Sciences, University of Miami and the Director of NOAA's Cooperative Institute for Marine and Atmospheric Studies. From 1993-2002, Dr. Kirtman was a research scientist with the Center for Ocean-Land-Atmosphere Studies and in 2002 joined the faculty of George Mason University as a tenured Associate Professor. In 2007, Dr. Kirtman moved to the University of Miami Rosenstiel School of Marine and Atmospheric Science as a full professor of meteorology and physical oceanography and serves as the Program Director for Climate and Environmental Hazards at the Center for Computational Science. Dr. Kirtman was a coordinating lead author for the Intergovernmental Panel on Climate Change (IPCC) working group one – the Scientific Basis. Professor Kirtman is also the author and/or co-author of over 130 peer reviewed papers focused on understanding and predicting climate variability on time scales from days to decades.



CAREY STANTON, M.S.

Carey Stanton is Senior Director for Education at the National Wildlife Federation (NWF). She oversees the development of national partnerships, media and film projects and is responsible for NWF's climate education campaign and extensive fundraising. She has 20 years of experience designing and implementing award-winning curricula, social action and training programs such as NWF's Climate Classroom for *Years of Living Dangerously*. She was a principal curriculum developer, advisor and faculty for the launch of the Honorable Al Gore's *Climate Reality*. Carey has been recognized for the creation of NWF's model leadership development program for urban youth by the US Environmental Protection Agency and US Forest Service and honored by the Association of Education Publishers for *The Cost of Cool*.

JEFFREY E. HUBER, AIA, NCARB, LEED AP

Jeff Huber is an Associate Professor in the School of Architecture at FAU where he teaches upper-division architecture and urban design studios, as well as Urban Design History and Theory. His work focuses on interdisciplinary public work projects that combine ecological, landscape, urban, and architectural design.



Huber is also a principal in the internationally-recognized firm of Brooks + Scarpa and manages their South Florida office. He is currently researching issues of sea level rise in south Florida and has established over a quarter of a million dollars in grant funding in that effort through the National Endowment of the Arts and Florida Sea Grant programs. Huber's research, teaching, and design work have garnered numerous national awards, most notably from The American Institute of Architects (AIA), The American Society of Landscape Architects (ASLA), and the American Collegiate Schools of Architecture (ACSA).



JACKIE VENTURA

Jackie Ventura joined The Heat Group at the American Airlines Arena in Miami, FL in 2001 and is entering her twelfth season with the Miami Heat organization. In her current role, Jackie monitors and tracks all aspects of the day-to-day operations of the Engineering and Operations departments including utility forecasting/tracking. Jackie is the liaison for all vendors and contractors conducting business with the Engineering and Operations departments at the AA Arena. In 2008 Jackie was approached to evaluate the NBA league-wide suggestions for viable sustainability initiatives for the AA Arena and she determined that the facility would satisfy all of the requirements for LEED Existing Building: Operations and Maintenance certification. Given her history and role in the department. This earned the Arena the distinction of being the first NBA facility to earn LEED certification in April 2009. Jackie was instrumental in the Miami Heat being the sponsor for the How Low Can You Go Challenge.

TERESA ELENA FRONTADO

Teresa Elena Frontado specializes in helping newsrooms navigate the complexities of digital transitions while incorporating new platforms and technology into their workflows. She has more than 20 years of experience working for media organizations in the United States and Latin America, including CBS Miami, Univision



Network, El Nuevo Herald, El Nacional (Venezuela) and El Universal (Venezuela). Teresa obtained her journalism degree from the Universidad Católica Andrés Bello in Caracas, Venezuela, and has two Master's degrees: one from the Fletcher School at Tufts University and another one from the University of Miami. She was a New York Times Fellow at the Maynard Institute for Leadership at Harvard University as well as a Knight-Wallace Fellow at the University of Michigan (Class of 2016), where she conducted research on social media strategies for legacy media.

THANK YOU STUDENT PANEL

Beachside Montessori Village - Food Recovery

Dillard High School and Parkway Middle School - Sistrunk Bioswale Project

Driftwood Middle School - Green Team with Chill - Kayla Bello, Shahana Salla, Kylie Castro, Tristen Castillo, Raissa Nelson

Pace Center for Girls - Pace Center for Girls Goes Green

South Broward High School - C.O.R.A.L. - Jackie Noval

South Plantation High School - Tiny House

SPECIAL THANKS TO OUR
CLIMATE CHAMPION SPONSOR

The Wells Fargo logo is centered on a solid red rectangular background. The words "WELLS" and "FARGO" are stacked vertically in a bold, yellow, serif typeface.

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**ENGINEERING
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ECOLOGICAL**

In conjunction with the Youth Climate Summit, students from Dillard High School and Parkway Middle School have developed a project to enhance water quality and stormwater management in the North Fork of the New River through green infrastructure. Working in partnership with Broward County, National Wildlife Federation, Carollo Engineers, E Sciences, and Wells Fargo, these students helped design and construct a demonstration bioswale project along Sistrunk Boulevard.

THANK YOU CLIMATE SUPPORTERS



P₃ Eco-Challenge: Preserving our Planet for Posterity – Apply now! All complete applications receive prizes. P₃ is a district-wide challenge for schools, educators, students, custodial and non-instructional staff that rewards participation in or implementation of environmental sustainability, civic responsibility, and environmental stewardship. For more info, visit www.browardschools.com/p3

17th Annual Broward Water Matters Day - March 9, 2019 - 9 AM-3 PM, Tree Tops Park, Davie. The County's largest environmental event where students and others can learn about our local and regional water resources, how water is managed, and how water managers are planning to meet our future water needs. Learn about water conservation, smart irrigation, native landscaping, and the role you play in protecting and conserving our water supplies from over 50 exhibitors. Free plants and trees, lots of activities, raffles, and eco-friendly ideas. Pick up your extra credit form from your teacher or the Registration Desk.



THANKS TO ALL OF OUR EXHIBITORS AND
CLIMATE FRIENDS:

AECOM

Botek Thurlow Engineering

Broward County Air Quality

Broward County Energy & Sustainability

Broward NatureScape

Broward Water Partnership

Carollo Engineers

City of Sunrise

E Sciences

Florida Atlantic University

Florida International University

National Wildlife Federation

Port Everglades

South Florida Association of Environmental
Professionals



PARTICIPATING SCHOOLS

Middle Schools:

Apollo Middle School

Beachside Montessori Village PreK-8

Crystal Lake Community Middle School

Driftwood Middle Academy of Environmental Health and Sciences

Forest Glen Middle School

Gulfstream Academy of Hallandale Beach K-8

Lauderdale Lakes Middle School

New River Middle School

Parkway Middle School

Walter C. Young Middle School

High Schools:

Dillard 6-12

McArthur High School

Piper High School

Pompano Beach High School

South Plantation High School

Pace Center for Girls, Broward

MISSION

To convene, engage, connect, and empower young people for action on climate change in South Florida through the Youth Climate Summit and other leadership opportunities, and to create a climate literate generation who:- Understands the essential principles of climate science- Communicates about climate and climate change in a meaningful way- Makes informed and responsible decisions with regard to actions that may affect climate- Takes action on promoting and implementing climate change adaptation and resilience measures in their homes, schools, and communities.

Broward Youth Climate Summit Committee



Dr. Jennifer Jurado, Director
and Chief Resilience Officer,
Broward County Environmental
Planning and Community
Resilience Division

Staff Members: Dr. Carolina Maran, Robert Rudolph, Victor Suarez, Maena Angelotti, Jill Horwitz, Kim Mayo, Scott Lewis



Susan Cantrick, Director,
Broward County Public
Schools Applied Learning
Department *Staff*

Members: Dr. Lisa Milenkovic, Megan West, Rebecca Malones, Jaime Akkusu, Justin Weaver, Sheryl Arriola

The School Board of Broward County, Florida, prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender identity, gender expression, genetic information, marital status, national origin, race, religion, sex or sexual orientation. The School Board also provides equal access to the Boy Scouts and other designated youth groups. Individuals who wish to file a discrimination and/or harassment complaint may call the Director, Equal Educational Opportunities/ADA Compliance Department & District's Equity Coordinator/Title IX Coordinator at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

*Photograph on the cover: Sawgrass Mills, Sunrise,
June 2017 extreme rainfall event*