



# **RESPONDING TO RISING WATERS IN SOUTHWEST FLORIDA**

## **SPEAKER BIOGRAPHIES**

### **DOUG MARCY, COASTAL HAZARDS SPECIALIST, NOAA OFFICE FOR COASTAL MANAGEMENT**

Doug works on flooding and sea level rise geospatial mapping projects, storm surge assessments, and coastal hazards assessment projects contributing to more disaster resilient communities. Doug worked as a Hydraulic Engineer with the U.S. Army Corps of Engineers, Charleston District from 1999 to 2002, where he focused on flood control projects, H&H modeling, flood inundation mapping, shoreline change analysis, and coastal engineering. From 1997 to 1999 Doug worked at the South Carolina Office of Ocean and Coastal Resource Management. Doug has a M.S. in marine geology (1997) from the University of North Carolina at Wilmington and a B.S. in geology (1994) from the College of Charleston.

### **DR. MICHAEL SAVARESE, PROFESSOR OF COASTAL RESILIENCE & CLIMATE ADAPTATION, THE WATER SCHOOL, FLORIDA GULF COAST UNIVERSITY**

Michael is a Professor of Coastal Resilience & Climate Adaptation within the Department of Marine and Earth Sciences within Florida Gulf Coast University's Water School. He has degrees in geoscience with background in coastal geology. Mike's teaching and research interests concern the history of environmental change in coastal settings, particularly in response to human development, climate change, and sea-level rise. Throughout his years at FGCU, he has served as a liaison for scientists and managers, helping ensure best science is made available for decision making.

### **DR. JEFFREY K. KING, PH.D., P.E., DEPUTY NATIONAL LEAD AND PROGRAM MANAGER, US ARMY CORPS OF ENGINEERS**

Jeff serves as Program Manager and Deputy National Lead for the US Army Corps of Engineers' (USACE) Engineering With Nature® (EWN®) Program. In addition to leading and managing a broad array of EWN activities and collaborative efforts, Jeff is also advancing

R&D projects within the EWN portfolio. Current projects and research interest include: incorporation of EWN techniques/designs into traditional infrastructure; design and application of natural and nature-based features (NNBF); promoting landscape architecture concepts/practices in pursuit of nature-based solutions; and fostering collaborative partnerships to achieve innovative outcomes that are aligned with elements of the EWN Initiative.

### **DAVID I. MAURSTAD, FEMA SENIOR EXECUTIVE OF THE NATIONAL FLOOD INSURANCE PROGRAM**

David Maurstad is FEMA's Deputy Associate Administrator for Insurance and Mitigation and the senior executive of the National Flood Insurance Program or NFIP. The NFIP is the world's largest single-peril insurance operation providing over \$1.3 trillion in flood coverage to over 5 million U.S. policyholders. David Maurstad is highly regarded for his transformative leadership focused on the primary goal of reducing disaster suffering for all communities. His expertise in emergency management and strategic risk communications stems from substantial leadership roles in the private sector, and local and state government as a former Nebraska mayor, senator, and lieutenant governor.

### **DR. JENNIFER JURADO, CHIEF RESILIENCE OFFICER AND DEPUTY DIRECTOR, BROWARD COUNTY RESILIENT ENVIRONMENT DEPARTMENT**

Dr. Jurado is responsible for leading climate resilience and environmental planning initiatives for Broward County, FL with a focus on urban adaptation, sustainable resource management, and clean energy strategies. For nearly two decades she has guided the integration of science to inform resilient design standards and has led multi-jurisdictional initiatives involving public-private partnerships key to large-scale initiatives. Dr. Jurado is an original contributor to the Southeast Florida Regional Climate Change Compact and serves on the board with the American Society of Adaptation Professionals and the American Geophysical Union's Thriving Earth Exchange.

### **PANEL SPEAKERS:**

#### **ANJA SCHWARZBAUER, SARASOTA STUDENTS 4 CLIMATE**

Anja is a junior at Sarasota High School and is enrolled in the AICE and MaST programs. Through these programs and her involvement at school, Anja has developed notable experience in researching environmental issues from a political perspective. She joined Sarasota Students 4 Climate in August of 2020 with a goal of collaborating with their team to make a difference in both local and state government, and is so grateful to be part of this unique organization. Anja is excited to grow with Ss4c as co-lead and continue acting on the climate crisis!

#### **MEHAK SANDHU, SARASOTA STUDENTS 4 CLIMATE**

Mehak is a junior at Booker High School in the VPA program. They had heard of Sarasota Students 4 Climate through some of her friends and knew they immediately had to join because of their passion for climate action. She jumped right in during the summer of

2020, and has actively been working in the group ever since. After working as Co-Arts Director with member Alanna Hutton for months, organizing strikes and events, Mehak is beyond thankful to begin co-leading the team alongside Anja Schwarzbauer.

### **ARIEL HOOVER, CLIMATE REALITY LEADERSHIP CORPS**

Ariel is a member of the Climate Reality Leadership Corps, a world-wide organization founded to educate people in the threats of climate change and solutions. Trained in 2017 in Pittsburgh, and in Atlanta in 2019, she and her husband started a chapter for Lee County to educate people about threats and solutions here. She attended undergraduate school at the University of NC, majoring in history, and getting a full scholarship to Murray State University. She has an MA in history, and teacher certification preK-12 from the University of Massachusetts at Boston, always incorporating an environmental awareness into every subject.

### **SALOME GARCIA, POLICY AND CAMPAIGNS MANAGER, THE CLEO INSTITUTE**

Salome connects experts with legislators and staff to pass non-partisan climate and energy legislation. As program manager, Salome helped to direct the field and digital operations for the Florida Climate Pledge, an education campaign towards Florida residents and policymakers. Salome worked alongside Food and Water Watch, Oceana, and Miami Climate Alliance, leading environmental policy advocacy work. She has a graduate certificate in Climate Change and Health from Yale School of Public Health, a Bachelor's degree in International Relations and Environmental Policy and is currently a Juris Doctorate candidate at FSU's school of Law focusing on climate and energy law.

### **GARY ROBBINS, VICE PRESIDENT OF THE SWFL RESET CENTER**

Gary is a Co-Founder of the Pachamama Alliance SWFL, whose goals are to create an environmentally sustainable, spiritually fulfilling and socially just human presence on this planet. He is also a Co-Founder and Board member of the SWFL RESET Center, working to alleviate the "Root Causes" of regional systems-oriented environmental / climate issues, with current emphasis on regenerative agriculture, resilience-ecology and the Rights of Nature. He is also a founding member of the Florida Rights of Nature Network, working to secure every Florida citizen's Constitutional Right to clean water.