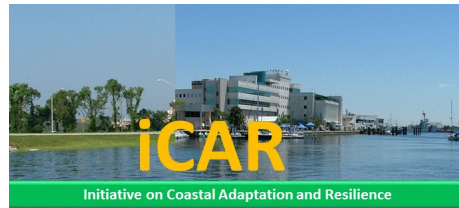


Initiative on Coastal Adaptation and Resilience



SPRING 2019 NEWSLETTER

iCAR Officers:

Dr. Barnali Dixon, Executive Director;

Dr. Rebecca Johns, Director of Community Outreach and Education;

Dr. Donny Smoak, Director of Research

iCAR RECEIVES GRANT TO INCREASE FLOODING AWARENESS IN SOUTHSIDE STUDENTS

Dr. Barnali Dixon and Dr. Rebecca Johns have received a grant from the American Geophysical Union to train local high school and middle school students in using GPS and GIS technologies to better understand climate related vulnerabilities, especially flooding, in their own neighborhoods. Students will gain valuable field and GIS skills and strengthen their interest in STEM disciplines. This work will take place over summer.

COMMUNITY-BASED RESEARCH PHASE I UPDATE

Results from our 2 year community-based research on adaptation and

iCAR is on Facebook!

You can also follow our events and activities on Facebook:

<https://www.facebook.com/groups/266985874133195/>

SPRING 2019 COMMUNITY ENGAGEMENT EVENTS:

This spring, we continued our **Climate Science 101: Community Climate Change Education Series**. Held the first Tuesday of each month at Boyd Hill Nature Preserve, this series covered important issues related to the impact of climate change on our area. **Climate Change 102** is an opportunity for the St. Petersburg community to gather once a month to learn about and discuss key topics related to the potential impacts of climate change on our area, Florida, and the U.S. The public was invited to hear a speaker or set of speakers, followed by a discussion.

resilience in southern Pinellas County have been submitted for publication to two journals. Once the work is publicly available, links will be provided on our website.

This project identified diverse challenges in distinct neighborhoods; engaged communities in assessing their vulnerabilities and strengths in responding to major storm events and ongoing climate related threats; and evaluated the use of crowdsourced digital technology as a communication vehicle between citizens and policy-makers.

Preparations are underway for the launch of Phase II, which will further build on our findings to develop digital tools for citizen input into climate related challenges and focus on health related aspects of climate resilience. This project will develop a crowd-sourced community-based information system to understand neighborhood level needs on an on-going basis. This information system will facilitate dialogue between service providers, government agencies and residents, and will help planners customize their responses to unique community needs, specifically in regard to the resiliency hub planning and implementation process. With neighborhood specific vulnerabilities and strengths identified, policy makers can address issues of equity and environmental justice.

Scope of the iCAR Phase I project can be found at

http://www.usfsp.edu/icar/files/2017/08/ICAR_Project.pdf



February 5, 2019: Potential Impacts of Climate Change on Flora and Fauna

Dr. Ryan Moyer discussed what Pinellas residents can expect to happen to local plants and animals as climate change impacts increase over time.

March 5, 2019: Real Estate and Climate Change: What will happen to my house? On March 5th, iCAR and the City of St. Petersburg hosted City Councilwoman Brandi Gabbard, Smith & Associates, who is also the past president of Pinellas County Realtor, and Noah Taylor, Flood Plain Coordinator for the City of St. Petersburg.





April 2, 2019, Sharon Wright, Director of Sustainability and Resilience for the City of St. Petersburg, presented on the city's ISP and the Bloomberg American Cities Climate Challenge award.

Ms. Wright discussed the long, complex process of developing and implementing the City's Integrated Sustainability Action Plan.

For more information about the plan,

visit:

http://www.stpete.org/sustainability/integrated_sustainability_action_plan.php

For more information about the Bloomberg award, visit:

http://www.stpete.org/sustainability/american_cities_climate_challenge.php

The series resumes in October of 2019 and runs through April, 2020.

Building on the topics covered last year, topics for **Climate Science 102** include: Climate Change and the Food System; Climate Change and the 6th Extinction; Climate Gentrification; Understanding Climate Change Models; The Youth Climate Change Movement; Explaining the New Green Deal; Preparing for Hurricane Season. The events are free and open to the public.

More information can be found at

<http://www.usfsp.edu/icar/community-outreach-and-education/>

iCAR ANNUAL WORKSHOP: REPORTS FROM THE FRONTIER II - LESSONS LEARNED FROM HURRICANES: PREPARATION, RECOVERY AND RESILIENCE

The iCAR annual two day workshop was held on October 30th and 31st in the USFSP ballroom on the second floor of the University Student Center (USC). The workshop was sponsored by the GTU (Gamma Theta Upsilon), the Tampa Bay One Bay Resilient Communities, and OPEN. Over two-hundred community members, scholars, students and policy-makers attended. City of St. Petersburg Mayor Rick Kriseman hosted the Aresty Mayoral Panel, in which mayors from St. Augustine, Naples and Sarasota discussed their shared challenges and innovations in addressing climate change.

Panels included First Responders Report after Irma, Harvey and Maria; Safety Following a Natural Disaster; Energy Recovery and Resiliency; Identifying Structural Barriers to Recovery and Resilience; Innovative Technology for Effective

Communication and Engagement and Community Wellbeing: Building Health Resilience and Addressing Emotional Trauma. Details about the panels and speakers are available on the iCAR website.



Aresty Leadership Panel: Perspectives from the Eye of the Storm

Nancy Shaver, Mayor, St. Augustine; Bill Barnett, Mayor, Naples; Liz Alpert, Mayor, Sarasota; Rick Kriseman, Mayor, St. Petersburg; Moderator: Robin Sussingham, WUSF Public Media. *Photos: Chris Campbell.*



REPORT BACK TO COMMUNITY: On January 21, 2019, iCAR representatives Drs. Dixon and Johns presented data from our two-year research project on climate resiliency in southern Pinellas County to the members of the Shore Acres Civic Association. These folks generously participated in our research.

HOLD THE DATES: OCTOBER 29 AND 30, 2019

Planning for the 2019 annual workshop is in progress! The title of this year's conference is *Pathways to Change: Policy and Action for Resilience*. The dates of the workshop are October 29 and 30, 2019.

Possible topics to be covered at the upcoming workshop include: Climate and Urban Redevelopment; Theories and Perspectives on Social Change; Stakeholder Analysis and Consensus Building; Economic Resiliency; Green New Deal; Technology and Public Participation.....stay tuned for more information soon!

Visit us at
www.usfsp.edu/icar.

