

CISA Program Timeline

2003 - 2005

\$400,000 3-year award

PIs:

USC- Dow, Carbone, Karwan, Tufford
SERCC- Janis
SC State Climatology Office - Mizzell

multi-year droughts and FERC relicensing motivate early CISA agenda

2006 - 2011

\$1 million 5-year award

PIs:

USC- Dow, Carbone, Tufford
SERCC- Badr
SC State Climatology Office - Mizzell

Dynamic Drought Index Tool launched

2006 Carolinas Coastal Climate Outreach Initiative Launched

2007 - 2008 severe drought in the Carolinas

Kirsten Lackstrom hired as program manager

Outreach Highlights:

- SECCoP Meeting #1
- Coping with Drought workshop with NC Urban Water Utilities and SC Coastal Ecosystems

2007- Jessica Whitehead hired as NC/SC coastal climate extension specialist

VCAPS PIs:

SERI- Tuler, Webler
USC- Dow
SC Sea Grant- Whitehead

VCAPS Exercises:

- Sullivan's Island, SC - 2010
- McClellanville, SC - 2011
- Plymouth, NC - 2011

CISA Advisory Committee established

NOAA SARP-VCAPS

NOAA "Salinity SARP" saltwater intrusion project

Coastal Carolinas Climate Outreach Initiative

2014

Liz Fly hired by CISA/ SC Sea Grant for Coastal Climate & Resilience position

Heat-Health Vulnerability Tool (HHVT) launched

CISA Program Evaluation

Charleston Resilience Network (CRN) organization process begins

CISA hosts first Carolinas Climate Resilience Conference (CCRC)

2015

Beaufort County sea level rise report published

October 2015 Catastrophic Flood Event

Heavy precipitation research initiated in response

2016

\$3.5 million 5-year grant awarded 2016 - 2021

PIs:
USC - Dow, Carbone, Lackstrom
SERCC/UNC-CH - Konrad
SC Sea Grant - Fly

Ashley Ward joins CISA as the NC Climate Integration and Outreach Specialist

Health projects and engagements are ramped up due to this position

CRN receives grants from Dept of Homeland Security and NOAA

Outreach Highlights:

- SECCoP Meeting #3
- CC DEWS stakeholder meeting
- Carolinas Climate Resilience Conference #2

Carolinas Precipitation and Probabilities Atlas launched

Hurricane Matthew impacts coast. Drought and wildfires impact Western Carolinas

2017

Kerry Guiseppe joins team as CISA Program Coordinator

Convergence website launched

Outreach Highlights:

- SECCCoP Meeting #4
- Charleston- Hampton Roads Knowledge Exchange
- Greenville, SC Climate Connections Workshop
- South Carolina Drought and Water Shortage Tabletop Exercise

Hurricanes Harvey, Irma, and Maria; SC has warmest year on record

Travel support provided for CCRC 2016 "Inclusive Climate Adaptation and Resilience Building" session leaders to take their session to the National Adaptation Forum

Citizen science condition monitoring goes national

Beaufort/ Port Royal citizen sea level rise task force report published

Folly Beach sea level rise report published

2018

the impacts of flooding continue to compound in Charleston

Outreach Highlights:

Hazardous Extremes Risk Assessment tool launched

- Columbia, SC and Charleston, SC Climate Connections Workshops
- CCRC 2018
- CRN North Charleston engagement

