

# Engaging Stakeholders to Develop a Coastal Carolinas Drought Early Warning System

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Social Coast

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NATIONAL INTEGRATED DROUGHT INFORMATION SYSTEM



## RISA

Regional Integrated Sciences  
and Assessments



Carolinas Integrated Sciences and Assessments  
A NOAA RISA TEAM

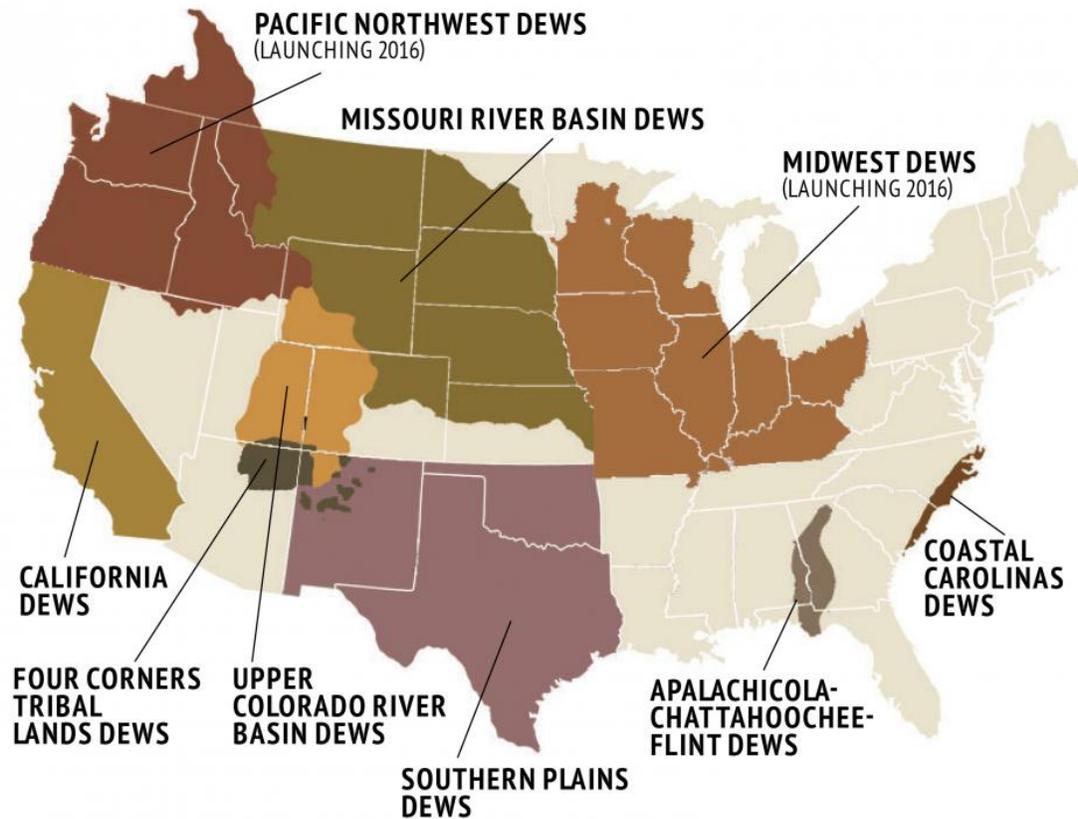


Working to build adaptive capacity in the Carolinas at the intersection of climate with water, coasts, and health



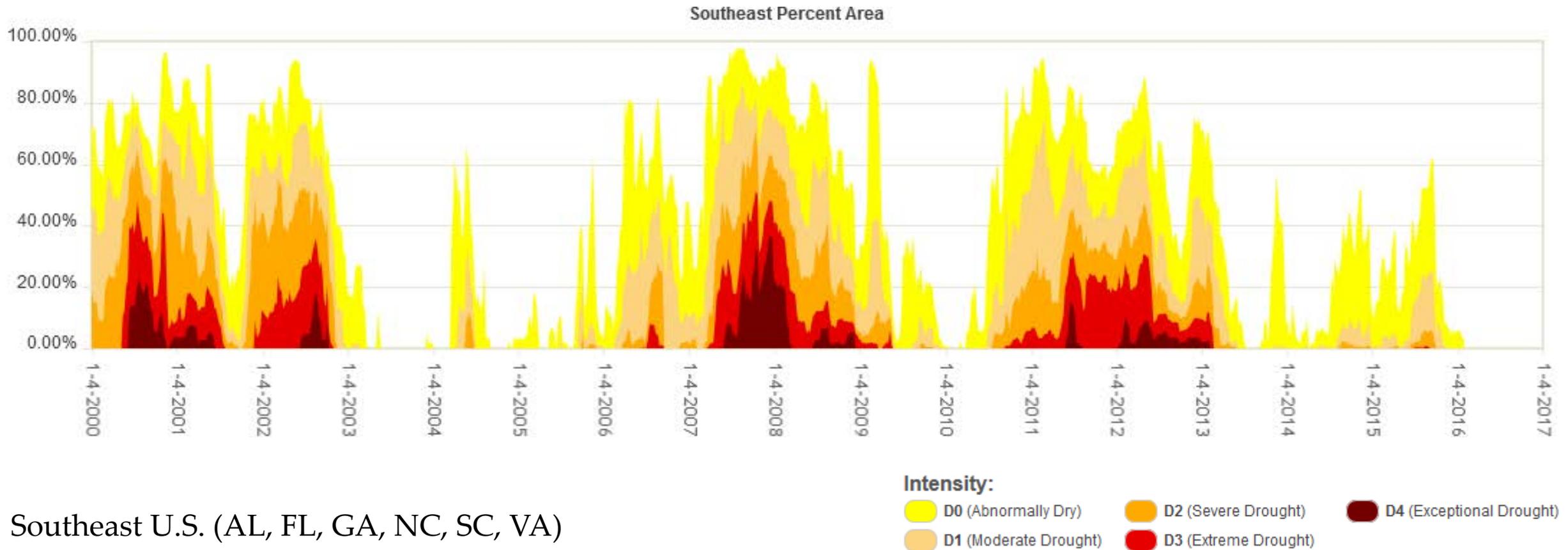
# National Integrated Drought Information System

## NIDIS Drought Early Warning Systems



- Moving the nation from a reactive to a more proactive approach to drought planning and preparedness
  - Information and tools to monitor and forecast drought
  - Stakeholder engagement, communications, and outreach
  - Drought early warning system programs

# Drought in the Southeast

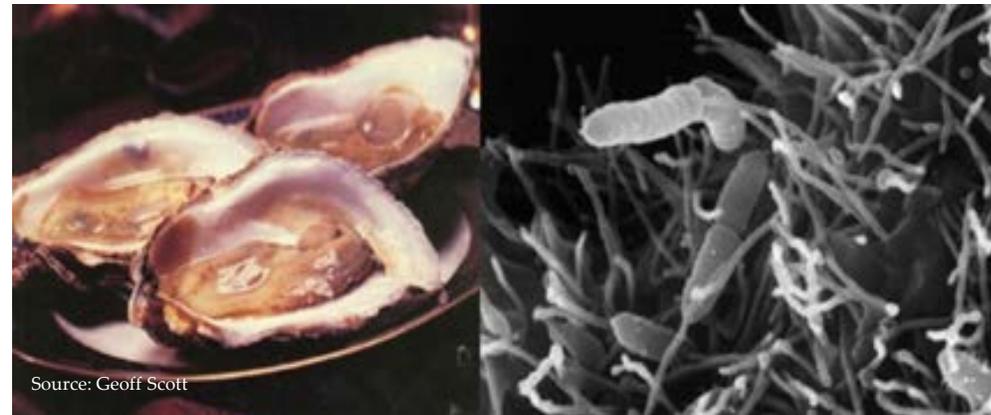


Southeast U.S. (AL, FL, GA, NC, SC, VA)

Drought Conditions, Percent Area 2000-present

Source: <http://droughtmonitor.unl.edu/MapsAndData/Graph.aspx>

# Coastal Drought Impacts



# NIDIS Carolinas Drought Early Warning System

- Iterative stakeholder engagement activities
  - for the refinement of tools and information
  - to ensure that projects are responding to primary needs and filling key knowledge gaps
- They also help to raise awareness about the unique nature of drought in coastal ecosystems and its potential impacts, motivating action to plan for associated risks.

# Stakeholder Workshops

- To identify and prioritize projects and research areas
- To demonstrate the Coastal Drought Index and its applications



# Decision Maker Interviews

- To determine drought-related concerns and information needs



# Citizen Scientist Engagement

- To train and retain project volunteers



## CISA & CoCoRaHS Condition Monitoring Newsletter

Dear CoCoRaHS Observer,

We hope that your winter has been off to a good start and that you are enjoying the holidays! This combined newsletter for December and January highlights winter weather in the Carolinas. In the Climate Update, we discuss temperature and precipitation totals for 2015 and look at the 2015 Winter Weather Outlook. We also consider how winter conditions might impact our regional NFL favorite, the Carolina Panthers. To refresh your memory, there are also tips from the CoCoRaHS site on how to measure winter precipitation.

We continue our series on how different organizations and individuals use CoCoRaHS information with a highlight of the

Dec 2015 & Jan 2016

In This Issue

[Climate Update for the Carolinas](#)

[Winter weather and the Carolina Panthers](#)

[Tips on Measuring Winter Precipitation](#)

[Meet the South Carolina State Climatology Office](#)

[Condition Monitoring Star of the Month: Jim Lawler](#)

[Quick Links](#)  
[CISA Website](#)

[CoCoRaHS](#)

## Cuckoo for CoCoRaHS in the Carolinas

Welcome to Cuckoo for CoCoRaHS, a blog for CoCoRaHS observers in the Carolinas region of the southeastern U.S.! The Community Collaborative, Rain, Hail, and Snow Network is a non-profit, community based network of volunteers who take daily precipitation measurements in their backyards or communities. This blog highlights the work of our observers, as well as current news and events of interest to our community.

Thursday, January 21, 2016



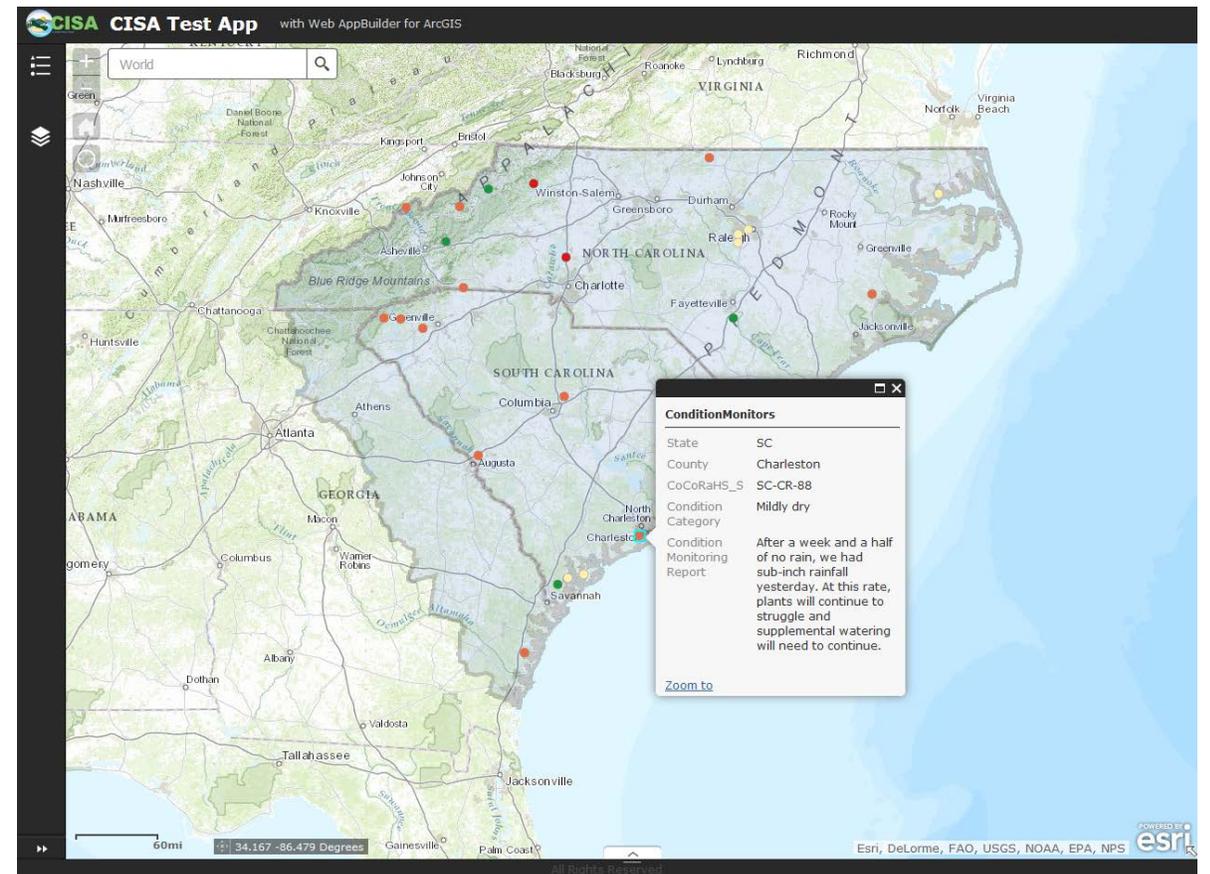
[Blog Archive](#)

### Winter weather reminders

The National Weather Service (NWS) forecasts a severe winter storm to affect many parts of the Mid-Atlantic and Southeast over the next few days. While most of the snow will likely occur farther north, they forecast icy rain in North Carolina and in the northern parts of South Carolina and Georgia. All NWS alerts can be searched by county on their [website](#), which is updated regularly. The severity of the conditions in your area will be reflected in the statement issued by the NWS for where you live. Additional information explaining the different types of winter weather alerts can be found [here](#).

# Engagement with Information Users

- To evaluate and improve on project design
- To develop materials that effectively communicate and disseminate findings





# Thank you.

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