

SOCAN

SOUTHEAST OCEAN AND COASTAL ACIDIFICATION NETWORK

DECEMBER 2017 NEWSLETTER

NEWS FROM THE SOUTHEAST

CO₂ INCREASES IN THE SOUTH ATLANTIC BIGHT

Recent research by Reimer et al. (2017) shows a multidecadal increase in sea surface CO₂ with a related decrease in pH in the South Atlantic Bight. These changes in coastal waters exceed those in the open ocean and also those expected from atmospheric increases. What's going on?

There are still many questions to be answered, but the scientists think there are many factors at play. For example, in the coastal regions, export of land-based carbon is the major contributor to increases in carbon dioxide, while regions further from shore are changing because of increases in temperature. [Find out more...](#)



IDEAS FOR CITIZEN SCIENCE

Our neighbors from the North, the Mid-Atlantic Coastal Acidification Network ([MACAN](#)), recently hosted a webinar on citizen science. Understanding acidification is a collaborative process and citizens can help! Listen to the webinar [here](#).

SOCAN would like to build a network of university marine laboratories that can contribute to a wider network of acidification monitoring. Interested in getting involved? Contact SOCAN [here](#).
(Image: Florida Sea Grant)

OPPORTUNITIES TO GET INVOLVED

Attend a workshop!

SOCAN will host acidification stakeholder workshops in South Carolina and Georgia in spring of 2018. These workshops seek to engage stakeholders in acidification science and offer the opportunity for SOCAN to learn more about their data needs.

Engage in collaborative research!

SOCAN is actively pursuing multiple funding opportunities to understand acidification and its impacts

SECOORA DATA CHALLENGE WINNER

in the Southeast. [Join](#) the effort!

Contribute data!

A new SOCAN data portal is currently in development to visualize acidification data in the Southeast. Do we have your assets on the map? If you'd like to contribute, please submit [here](#).

Become a member!

SOCAN is starting a membership option that will provide access to a growing network of ocean acidification scientists and stakeholders. [Sign up and find out more >](#)



John Mwaniki, from Kennesaw State University, was selected this summer as a SECOORA Data Challenge Winner. His project to visualize pH data is well underway! Learn more about his efforts [here](#).

NEW TO SOCAN? [Meet the SOCAN Steering Committee](#) || [State of Science Webinars](#) || [Resources](#)

SECOORA and the National Oceanic and Atmospheric Administration's Ocean Acidification Program are facilitating the operation of the SOCAN to support and encourage discussions on ocean and coastal acidification in the Southeast region.



VISIT: WWW.SECOORA.ORG/SOCAN
