

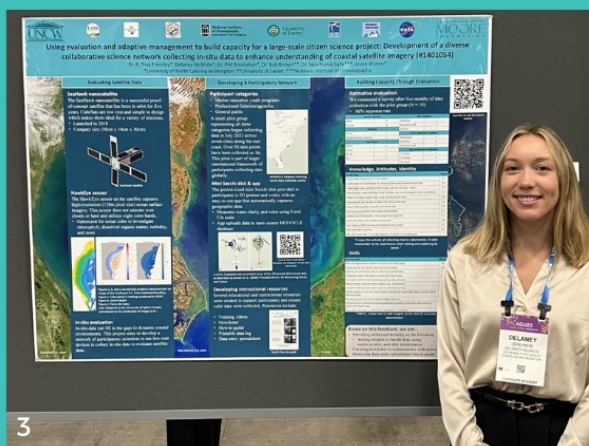
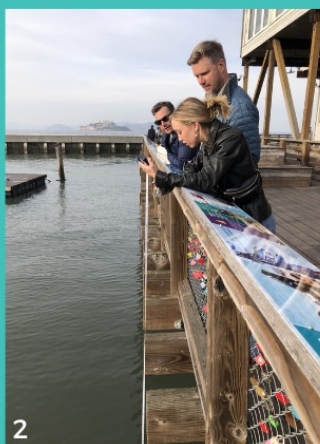
SEAHAWK/HAWKEYE

PARTICIPATORY SCIENCE RESEARCH PROJECT

JANUARY 2024



1: Dr. Phil Bresnahan (pictured left) and Dr. Troy Frensley (pictured right) taking a Secchi measurement
2: Dr. Frensley and Delaney McBride taking a Secchi measurement



3: Presenting at the AGU poster session on the pilot project survey and results



PROJECT UPDATES

- The team traveled to San Francisco in December for the AGU conference. We also took Secchi disk measurements in our free time!
- Based on survey results, the following changes have been made:
 - Additional instructions addressing how to read the measuring tape and add weights to the disk are currently in development
 - The Excel spreadsheet will no longer be required for participants to fill out

Secchi disk maintenance reminder:

- Please wipe down the disk and measuring tape with fresh water and store in a dry place after use

PARTICIPANT UPDATES

We are actively expanding the network so if you know of any organizations that may be interested, please contact Delaney (dam2534@uncw.edu).

DATA POINTS
COLLECTED ACROSS
SEVEN CITIES:

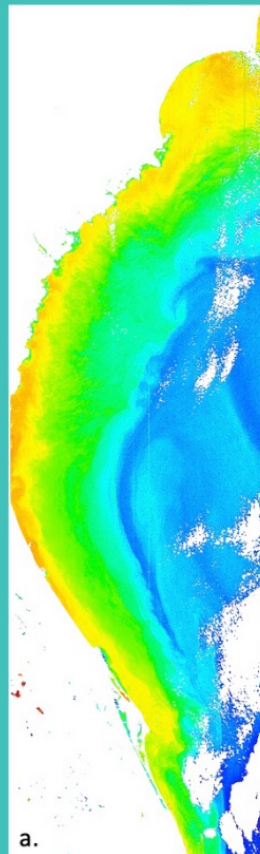
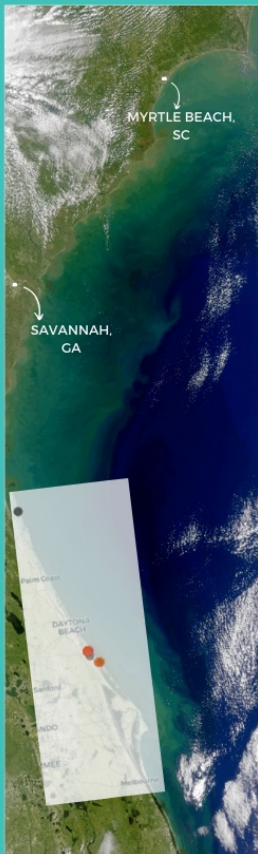
75+



University
of Exeter



SCIENCE SPOTLIGHT!

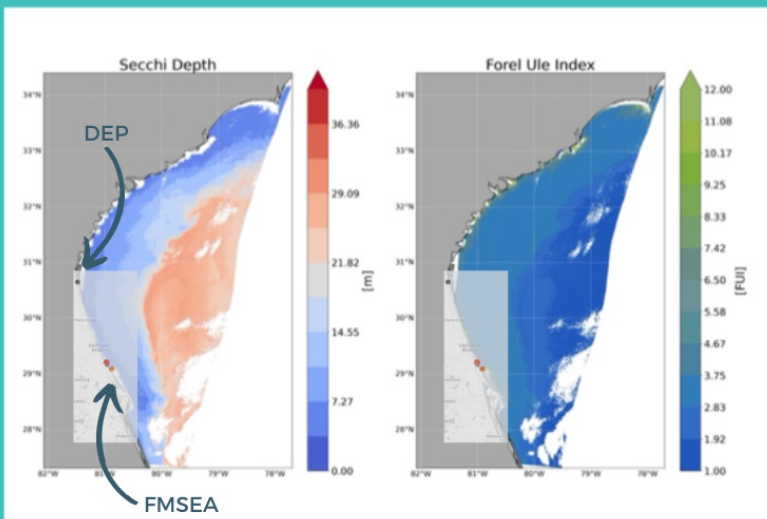


THE NETWORK IN ACTION

These images may look familiar; this collection was featured on the poster pictured on the previous page.

Both images were produced by HawkEye. The image on the left shows "true color" while the image on the right estimates chlorophyll-a concentrations.

You can see where we currently have participants collecting water clarity data! The two participants represented here are a Florida Marine Science Educators Association (FMSEA) volunteer and Florida's Department of Environmental Protection (DEP).



Participants' Secchi disk measurements help to inform figures such as this image which depicts Forel-Ule levels rendered from HawkEye's data.

You can see here where the data collected by the network can fill in gaps in the Secchi depth figure.

THANK YOU!

Thank you for your continued participation in the network! Your collective work contributes valuable data that helps to increase our understanding of processes in our coastal waterways.

