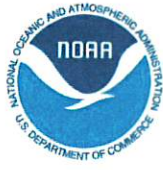


S.C. Sea Grant Consortium (P260)

**FY2024-25 Budget Hearing
House Ways and Means
Economic Development
January, 2024**





OUR MISSION

We generate and provide **science-based information** on issues and opportunities to improve the **social and economic well-being** of our coastal citizens while ensuring the optimal use and conservation of our **marine and coastal natural resources**.

Leadership



Board Chair

*Robert Boyles, Director
S.C. Department of Natural Resources*



Susan Lovelace, Ph.D.

Executive Director and POC



Ryan Bradley

Director, Administration



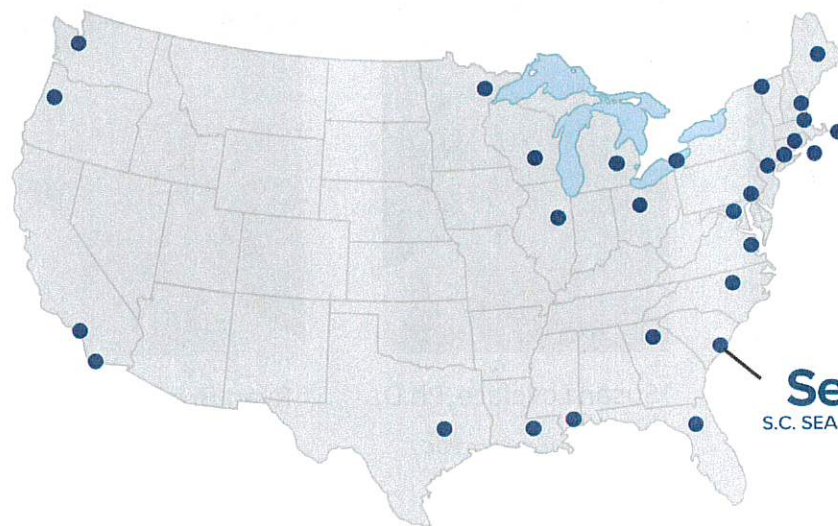
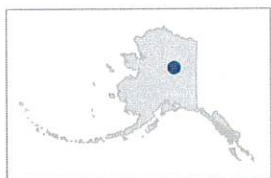
Matt Gorstein

*Director, Development and
Extension*

With thanks to our past Board Chair, Clemson Provost Robert Jones, for his 2.5 years of service.

NATIONAL SEA GRANT

34 Programs Nationwide




Sea Grant
S.C. SEA GRANT CONSORTIUM

CLEMSON

 COASTAL CAROLINA
UNIVERSITY

 COLLEGE of
CHARLESTON


FRANCIS MARION
UNIVERSITY

 MUSC
Medical University
of South Carolina


SC
STATE
UNIVERSITY
1896

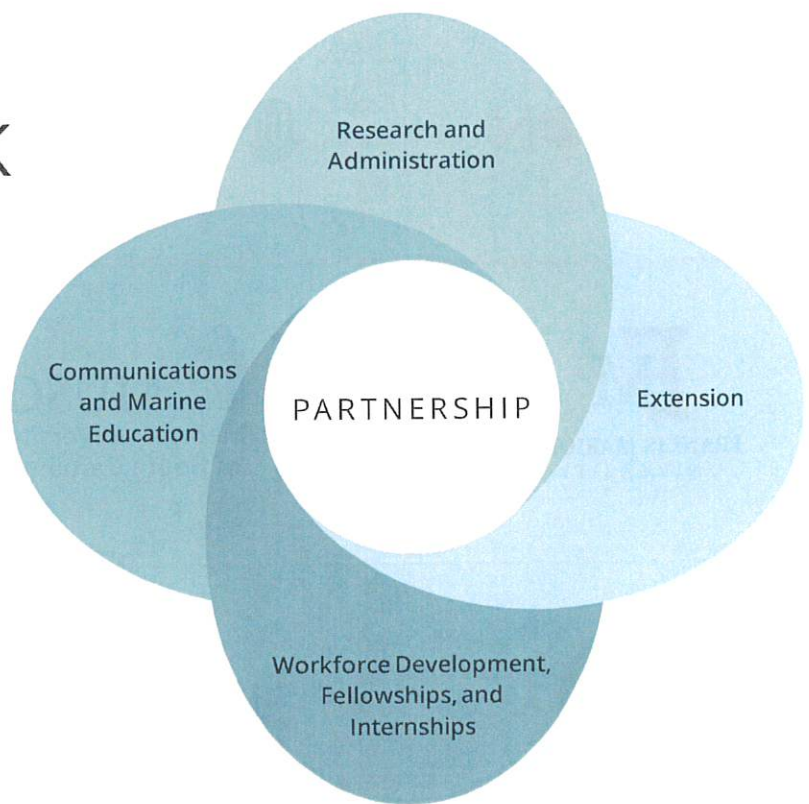


 THE CITADEL

 UNIVERSITY OF
SOUTH CAROLINA

HOW WE WORK

- Community engagement and outreach
- Provide information and skills
- Fellowships and internships
- Educator professional development



Accountability Report Highlights

- The S.C. Sea Grant Consortium is currently operating under its FY2018-23 Strategic Plan titled *The Changing Face of South Carolina: Building a Resilient Future*
<https://www.scseagrant.org/wp-content/uploads/FY18-23-StrategicPlan.pdf>
- A new strategic plan begins February 1, *Charting Seas of Change*.
<https://www.scseagrant.org/strategic-plan-24-27/>
- The Consortium's Strategic Plan includes several dozen performance measures and metrics which are tracked on an annual basis.
- Consortium research, extension, education, and communications activities during FY2023 will have resulted 103 economic, natural resource, policy and management, and societal impacts and accomplishments in the state and region as well as \$13,606,519 in economic benefits. (as measured by NOAA)
<https://www.scseagrant.org/performance-and-accountability/>.

Administration



Ryan Bradley
Executive Director for Administration



Subahnah Sheldon
Assistant Director for Technology Strategy



Britta J. Jensen, Ph.D.
Executive Director for Research and Outreach

Extension



Matt Gorstein
Assistant Director for Development and Outreach



April Turner
Coordinating Communities Program Specialist



Kar'Zyah Williamson
Coordinating Communities Program Specialist
Project Director Outreach

Extension



Brooke R. Saari
Assistant Director for Quality Program Specialist



Sarah Pedigo
Assistant Director for Outreach Specialist



Jacquelyn Flett
Coordinating Communities Program Specialist

Administration



Louis "Louie" D. Woyward, Sr.
Executive Director for Administration



Marlina Davis
Senior Business Manager



Chris Carr
Executive Technology Resource Manager

Extension Resilience Team



Landesh Knapp
Coastal Fisheries Program Specialist
Co-Regional Director



Amanda Guethrie, Ph.D.
Coastal Fisheries Program Specialist



Katie Emergen, PE
Coastal Fisheries Program Specialist
Coastal Community Specialist

Extension



Shu-Mei Huang
Coastal GIS Specialist



Sophia Traversi
Coastal Community Resilience Planning Specialist



Angela Treptow
Commercial Seafood Apprenticeship Program Coordinator

Administration



Caitie Belger
Grant Management Specialist

Communications



Susan Ferris Hill
Executive Director for Outreach and Education Strategy



Crystal Narayana
Web Developer and Graphic Designer

Kathryn Gentile, starting 02/02/2024

Education Services



Elizabeth Vernon (EX) Bell
Marine Policy Specialist



Morgan Trean
Marine Education Specialist



Erica Hussey
Science Writer and Editor

<https://www.scseagrant.org/staff-directory/>



The Consortium provides:

\$26.2 million in non-state funding from \$7 million in state funding over last 10 years

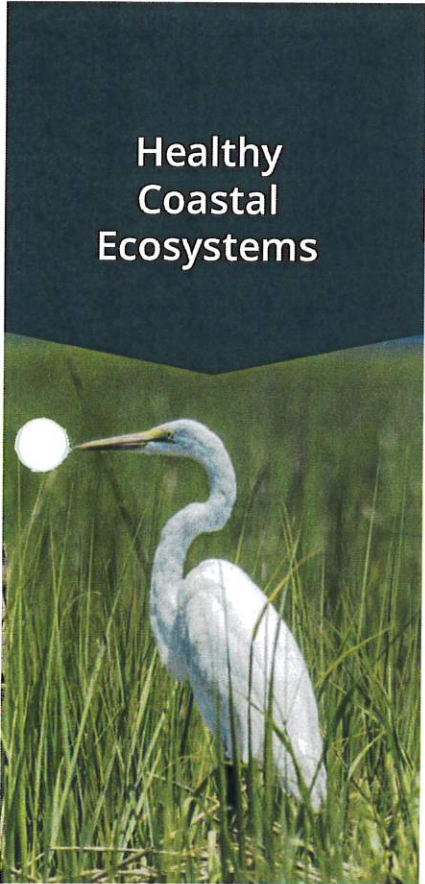
372%
Return-on-Investment
over 10 years

Returns of
226%-501%
per year in funding

Leverages **partner participation** and services from government, academic institutions, organizations and the private sector.

The Consortium documented **107 impacts and accomplishments** in Federal FY 21-22.





Healthy Coastal Ecosystems



Contaminants of Emerging Concern

The U.S. Environmental Protection Agency (EPA) defines contaminants of emerging concern (CECs) as new or existing chemical substances that may or may not have regulatory standards, are not currently included in routine monitoring programs, and/or have the possibility of adverse toxicology effects.

These include but are not limited to: per- and polyfluoroalkyl substances (PFAS) and other persistent organic pollutants (POPs), pharmaceuticals and personal care products (PPCPs), and nanomaterials. CECs are being detected at increasing levels in the environment, and are receiving attention as their total toxicity to humans and wildlife is not fully understood.

- [Press Release](#)
- [Primer](#)

Request for Proposals

Submit Letters of Intent by November 16, 2023, and full proposals by January 2, 2024.

- [Request for Proposals](#)

Project Team

Brooke Saari
 SCSC Coastal Environmental Quality Program Specialist
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Regional Program Request for Proposals

In the Southeastern U.S., there is a growing need for interdisciplinary research to address the rapid coastal change occurring in the region. The Southeastern Coastal Consortium, University of Georgia Marine Extension Consortium, and the National Sea Grant Law Center are leading a program focused on the influence of climate change



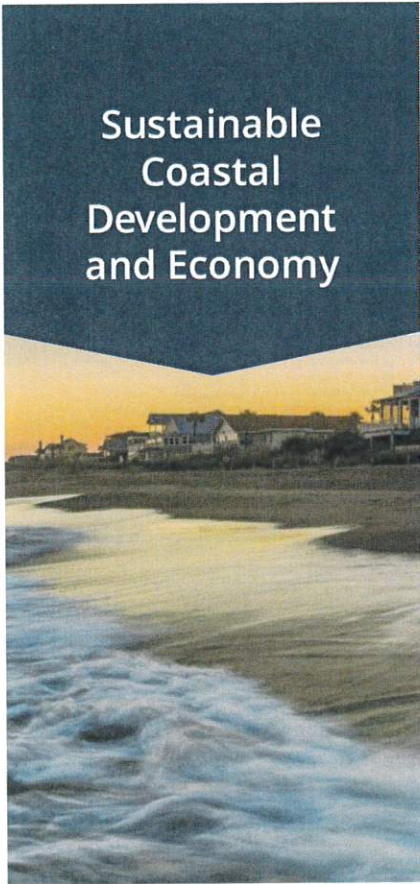
SAVE THE DATE

April 8-9, 2024
 CHARLESTON, SOUTH CAROLINA

www.scseagrant.org/microplastics-conference

MICROPLASTICS
 in the Coastal Region
 —2024 CONFERENCE—

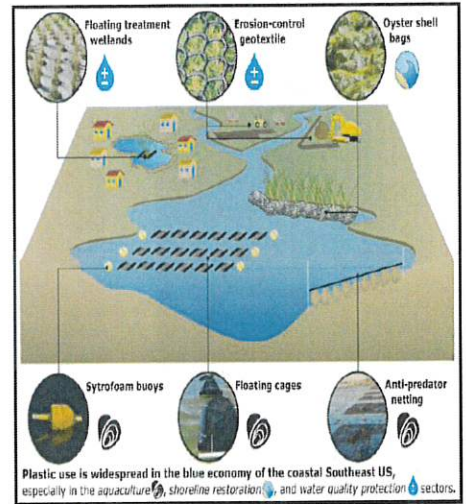
Partners: Clemson, USC, DHEC, MUSC, DNR, Riverkeepers, Municipalities, Water Systems, Industry, CofC, NOAA, The Citadel, and USCB- Funding NOAA



Sustainable Coastal Development and Economy



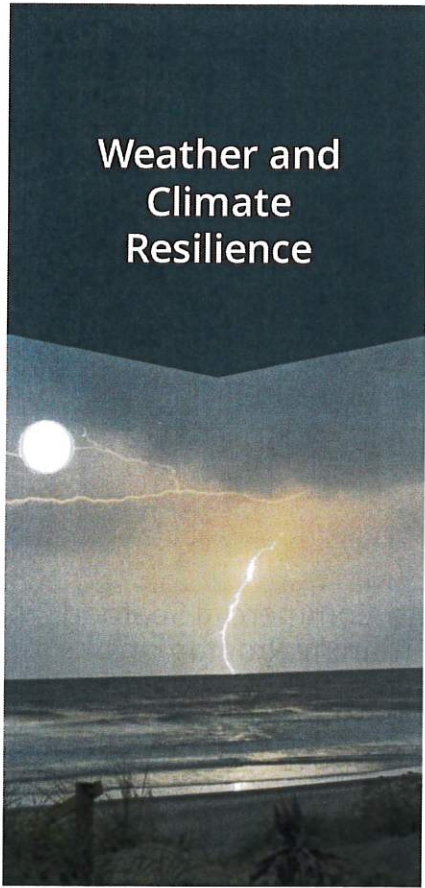
Partners:
Marina Industry, DNR, DHEC- Funding NOAA



From blue-gray to blue-green:
facilitating the transition to non-plastic, natural material use within the coastal zone economy

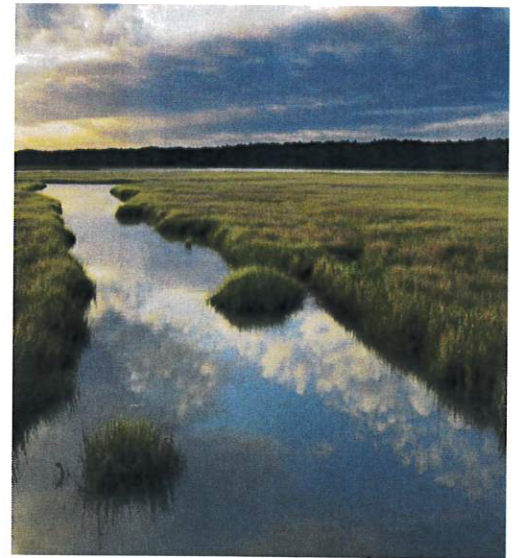
Partners:
University of South Carolina, Clemson University, Johnson C. Smith University, University of Dayton - Funding NOAA

Weather and Climate Resilience



Southeast Water Level Network

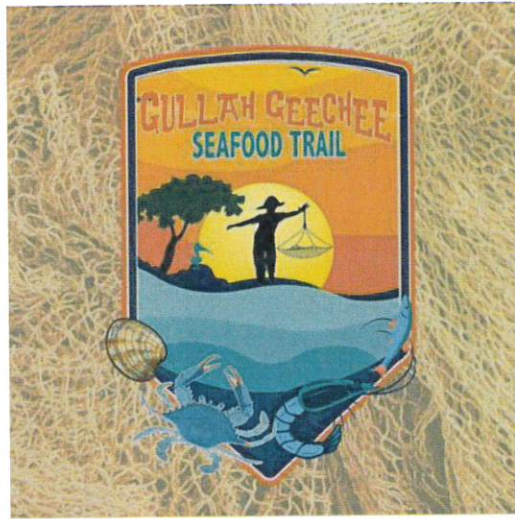
Partners:
SECOORA, Coastal Carolina- Funding NOAA



Developing a Framework for Assessing the Benefits and the Feasibility of Thin Layer Placement in South Carolina

Partners:
Coastal Carolina, SCDNR, CofC and LSU- Funding
NOAA and USCRP

Sustainable Fisheries and Aquaculture



Partners:
Gullah Geechee Chamber of Commerce, WeGOIA Foundation, Gullah/Geechee Fishing Association, Gullah/Geechee Sea Islands Coalition, Coastal Carolina University- funding NOAA



Developing a Commercial Seafood Workforce Training Program in South Carolina

Partners:
Town of McClellanville, McClellanville Watermen Association, McClellanville Community Foundation, Clemson University- funding NOAA, USDA

Scientific Literacy and Workforce Development



Palmetto Environmental Education Certification

*Partners: Environmental Education
Association of SC- Funding NOAA,
Spaulding-Paolozzi Foundation, North
American Association for Environmental
Education*



Salt Marsh Restoration and Recreational Fishing with Title 1 Schools

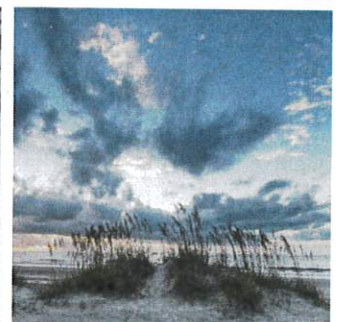
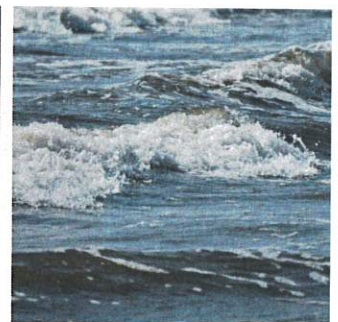
*Partners:
Edith L. Frierson Elementary, DNR, NOAA*

Budget Request



Recurring Budget Requests

1. Two recurring, **non-funded**, Classified FTE positions (to reclassify two current employees from temporary grant employee to full-time employee status)
2. Engaging Smaller Communities with Technical Assistance, Coastal Watershed Community Engagement Specialist (\$83,875 and one Classified FTE position)
3. Staff Changes to Meet the Coastal Science Literacy Needs of a Growing Population, Marine Education Program Assistant (\$70,285 and one Classified FTE position)



Increasing population and increasing needs for assistance

FTE Breakdown by Funding Source

Fiscal Year 2023-24					
Funding Sources	State	Earmarked	Other	Federal	Total
Authorized FTE Levels	9.75	0.00	0.00	9.25	19.00
Utilized FTE Levels (as of 12.20.2023)	8.75	0.00	0.00	9.25	18.00

Previous vs. Current Fiscal Year Budget Overview

Funding Sources	Fiscal Year 2022-23		Fiscal Year 2023-24	
	Budget	Expenditures (end of year)	Budget	Expenditures (thru 12.20.23)
General Fund Appropriations, Recurring (as ratified)	\$ 977,879	\$ 896,453	\$ 1,078,683	\$ 534,754
General Fund Appropriations, Carry-forward	\$ 50,847	\$ -	\$ 100,803	\$ -
Other (Earmarked) Funds Authorization	\$ 450,000	\$ 169,288	\$ 450,000	\$ 40,131
Other (Restricted) Funds Authorization	\$ -	\$ -	\$ -	\$ -
Federal Funds Authorization	\$ 4,550,000	\$ 3,092,820	\$ 4,550,000	\$ 1,638,431
TOTALS	\$ 6,028,726	\$ 4,158,561	\$ 6,179,486	\$ 2,213,316

Cost savings

1% reduction = \$10,787

2% reduction = \$21,574

3% reduction = \$32,360

○ The reductions, if they were to be implemented, would be taken from agency operating funds, which currently total \$246,528. Of this amount, more than 54% is allocated for our office space lease for FY2023-24; the remainder supports our office equipment rentals, state insurance premiums, utilities, IT equipment replacement, IT hardware, software, security support, and other necessary administrative costs that are required to operate the day-to-day functions of the Consortium.

The Consortium does not anticipate implementing any measures to prevent a deficit due to mid-year reductions or reduced revenues.

In Conclusion

- The Consortium's FY2024-25 State Budget Request, Accountability Report and FY2024-27 Strategic Plan, have been vetted and approved by the agency's Board of Directors.
- In addition to assistance in our focus areas of fishing, aquaculture, healthy ecosystems, sustainable coastal development and marine education, the Consortium has become a key source of science-based information and assistance regarding the coastal hazards associated with tidal flooding, hurricanes, and coastal storms.
- On behalf of the Consortium Board, staff, and all the constituents we serve, we thank you for your continued support of the S.C. Sea Grant Consortium.







MENU



The South Carolina Commercial Seafood Apprenticeship Program

CSAP is a one-month, paid job training program in McClellanville, South Carolina. The training begins mid-April, 2024. Applications now open.

About CSAP

The program offers classroom-based and on-the-job training that provides the knowledge and skills needed to start a career in commercial fishing or mariculture (e.g., growing oysters or clams). After the month-long training is complete, participants will get help finding a full-time job with a local company.

The program topics include safety training, seamanship, and navigation; boat and gear operation and maintenance; fisheries science, management, and engagement; and seafood business and marketing. As part of the program, trainees will get 2 days at sea to gain hands-on experience with commercial fishing and mariculture.

The South Carolina Commercial Seafood Apprenticeship Program is designed in partnership with Clemson University, and offered by the S.C. Sea Grant Consortium in collaboration with commercial fishing operations and mariculture growers in McClellanville, South Carolina.

Who Can Apply?

You can apply for the Commercial Seafood Apprenticeship Program if you meet the following criteria:

- Age 18+
- Have a drivers license and reliable form of transportation
 - Can pass background check and drug test
- Are willing to commit to the full month-long program
 - Most importantly, interested in making a career in commercial fishing and/or mariculture

What Do You Get?

A month-long training program (Monday-Friday from 9am-5pm)

Housing is available on a first come first served basis

Daily one-hour lunch break with \$15 stipend

On-the-job hands-on training at sea split between commercial fishing and mariculture

All course materials and needed safety gear (boots, weather gear, gloves)

CPR, First Aid, and automated external defibrillator certification; a U.S. Coast Guard Drill Conductor certification; commercial fishing license; and a certificate of completion from S.C. Sea Grant Consortium

Upon full completion of month-long course, you will receive a \$1,000 stipend and help finding a job at a McClellanville, S.C. commercial fishing or mariculture business

Is This Right for You?

Commercial fishing and mariculture are unique and rewarding careers. However, it is not for everyone. This line of work may be a good fit for you if you:

Do not get seasick or motion sick

Have been on the water with seas greater than 3 feet

Have worked hard, physical jobs

Have experience being on boats

Are able to work outside in bad weather

Enjoy being part of a team

Can lift at least 50 lbs.

Are dependable and have a reliable vehicle

Have a driver's license

Do not have any injuries or physical issues that would make this job hard or dangerous

Do not mind if your schedule changes or you have to work odd or long hours

Are okay with being away from home/land for extended periods of time

Do not mind getting dirty and smelling of fish and rancid smells

Are financially responsible and able to make sure your taxes get filed

Are comfortable getting your own health insurance coverage

Now Accepting Applications

If this opportunity sounds right for you, fill out the application form to apply.

[Application Form](#)

Frequently Asked Questions

What is the schedule like for the program?



What topics will be covered in the training?



What happens after the training?



Where does the training take place?



How much does this training cost?



Is housing provided during the training?



Does the training include time at sea on a fishing vessel?



How much does a fisher or a mariculturist make in a year on



average?

Will I get a degree or certificate?



CSAP Funding

This program is being funded by the NOAA National Sea Grant Office and the USDA Rural Business Development Grant Program.

Contact for More Information

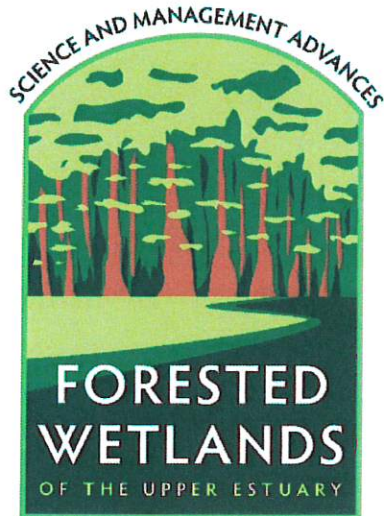
Angela Treptow

angela.treptow@scseagrant.org

843-823-4866

Application

New Opportunities



March 5-7, 2024
College of Charleston
and Baruch Institute



MICROPLASTICS
in the Coastal Region

Conference
April 8-9, 2024
Ft. Johnson Marine
Resources Center



SOUTH CAROLINA SEA GRANT CONSORTIUM
RESEARCH SYMPOSIUM



SAVE THE DATE

May 15-16, 2024 | Coastal Carolina University

Save the Date for S.C. Sea Grant Consortium's 2024 Research Symposium

This year's theme is "Connecting Across..." Share your experiences and gain new skills to connect across disciplines, across public and private sectors, across regions or timelines, or across cultures.



