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Subject: CoastalScience@Work: Update from S.C. Sea Grant Consortium

CoastalScience@Work: Update from S.C. Sea Grant Consortium

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Every \$1 the State
invested in the
Consortium's coastal
and ocean research,
education, and outreach
generated \$26 in
statewide economic
output in 2012.

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Stormwater Pond Research Featured on National Sea Grant College Program Website

Four Consortium-funded scientists studying stormwater ponds are featured on the National Sea Grant College Program's (NSGCP) website. The scientists represent The Citadel, Clemson University, University of South Carolina, and S.C. Department of Natural

Resources.

Stormwater ponds are considered a best management practice in South Carolina for reducing and filtering surface-water runoff. There are more than 14,000 stormwater ponds in the coastal region, and scientists have raised some questions about how these ponds function in coastal watersheds. Studies include mapping stormwater ponds, analyzing contaminants and nutrients, documenting algal blooms, water quality, and responding to fish kills, and determining the seasonal and rainfall event-based mechanics of water budgets and stream flow.

Learn more about challenges and opportunities related to stormwater pond research and management in South Carolina by [reading the article](#) on the NSGCP website.

Two S.C. Graduate Students Serving as Knauss Fellows in Washington, D.C.

Two South Carolina graduate students were selected as fellows in the 2014 class of the prestigious John A. Knauss Marine Policy Fellowship. Nominated by the S.C. Sea Grant Consortium, the students were among 48 chosen from nominees of 24 Sea Grant programs nationwide. Chelsea Wegner is serving as special assistant to the deputy assistant administrator of NOAA's Office of Oceanic and Atmospheric Research. She is a policy advisor to the Interagency Working Group on Ocean Partnerships as part of the efforts to implement the National Ocean Policy. Chelsea earned a M.S. in marine science at the University of South Carolina.

Katie Allen is working with the staff of the U.S. House of Representatives' Committee on Natural Resources, Subcommittee for Fisheries, Oceans, Wildlife, and Insular Affairs. She conducts research on topics of interest to the committee, drafts questions and talking points for hearings, and meets with stakeholders. Katie has a Ph.D. in integrative biology from the University of South Carolina.

Visit the [Consortium's website](#) to learn more about the Knauss fellowship and other opportunities for graduate and post-graduate students.

Coastal Climate Extension Specialist Joins Consortium

Elizabeth Fly, Ph.D., was recently hired as the coastal climate extension specialist. Her position is jointly funded by the Consortium and University of South Carolina's Carolinas Integrated Sciences and Assessments (CISA) program.

Elizabeth has a B.S. in biology from the University of Puget Sound and a Ph.D. in biological sciences from the University of South Carolina. She recently completed a year as a John A. Knauss Marine Policy fellow in Washington,

Education
Outreach
Products

Upcoming Event
Carolinas Climate Resilience
Conference
April 28-29, 2014
Charlotte, N.C.

D.C., where she worked on the National Climate Assessment at NOAA's Climate Program Office and the U.S. Global Change Research Program.
In her new position, Elizabeth is assisting coastal communities with data collection and resiliency planning in order to incorporate available weather and climate information into local decision-making processes. In addition, she is helping CISA develop and implement coastal-drought indicators for planning purposes.
Contact [Elizabeth](#) at (843) 953-2097 or visit the [Coastal Climate](#) section of the Consortium's website for more information.

S.C. Business Review Radio Host Interviews Rick DeVoe

SCETV Radio's Mike Switzer, host of the South Carolina Business Review, invited Rick DeVoe to be interviewed about the "Economic Impact of the S.C. Sea Grant Consortium" study. The study was completed by an economist with the University of South Carolina's Darla Moore School of Business.
Rick gave an overview of the Consortium, explained why coastal- and ocean-resources are important, spoke about current programmatic areas and graduate student workforce development, and then answered questions specific to the economic impact study. Rick also spoke about emerging and perennial issues, including offshore energy development and beach nourishment.
Visit the Consortium's website to listen to an [audio file](#) of the interview. The full economic impact study and an [executive summary](#) are available on the website as well.

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