



Active Studies



TITLE Include county(ies) where work is being done	PRINCIPAL INVESTIGATOR Include affiliation and email address	EFFECTIVE DATES	TOTAL FUNDING	FUNDING AGENCY
AUBURN UNIVERSITY				
Species Inventory	Michael Barbour, Alabama Natural Heritage Program, Environmental Institute, Auburn University msb0005@auburn.edu	9/15/2012 to 9/30/2013	\$75,000.00	DoD
Mark-Recapture for Estimating Population Abundance of Delaware Bay Horseshoe Crab	Conor P. McGowan, School of Forestry & Wildlife Sciences, Auburn University cpm0014@auburn.edu	9/30/2012 to 12/31/2014	\$20,375.00	FWS
CHRISTOPHER NEWPORT UNIVERSITY				
Biological and Physical Monitoring in Support of Habitat Restoration Activities in Virginias Coastal Plain Ecosystems	Robert Atkinson, Christopher Newport University atkinson@cnu.edu	11/1/2011 to 11/1/2013	\$11,915.00	FWS
CLEMSON UNIVERSITY				
Implement Assessment Protocol for the Rare Carolina Bogmint Population at Congaree National Park	Saara DeWalt, Dept. Bio. Sciences, USC, saarad@clemsun.edu	8/1/2012 to 12/31/2013	\$23,500.00	NPS
Treatment of Museum Collection Objects from Fort Sumter and Fort Moultrie	Michael Drews, Clemson Conserv. Ctr., Clemson University, dmichae@exchange.clemson.edu	5/1/2012 to 6/30/2013	\$163,000.00	NPS
Structural Integrity Assessment at Fort Sumter National Monument (FSNM)	Huriye Sezer Atamturktur, Dept. Civil Engineering, Clemson University, sez@clemson.edu	2/1/2011 to 6/30/2013	\$370,000.00	NPS
Scion and Seed Collection and Processing at Carl Sandburg Home National Historic Site	Ryan Merck, Clemson University, Merck3@clemson.edu	8/1/2011 to 8/1/2014	\$2,300.00	NPS
Real Time Monitoring to Support Environmental Impact Management for Road Construction Activities on Foothills Parkway	David White, Clemson University, whitedl@clemson.edu [no longer at Clemson]	3/24/2010 to 9/30/2016	\$177,556.00	NPS
Needs Assessment for Visitor and Resource Protection and three Specialty Career Fields	Dr. Brett Wright, Dept. Parks, Rec & Tourism Mgt., Clemson Univ., wright@clemson.edu	9/1/2012 to 2/1/2015	\$92,000.00	NPS
Healthy Parks Healthy People US Startegic Action Plan for Hot Springs National Park	Dorothy Schmaltz, Dep. Parks, Recreation and Tourism, Clemson University schmaltz@clemson.edu	9/6/2012 to 9/30/2013	\$57,540.00	NPS
Dissolved and particulate anthropogenic organic pollutants in the coastal environments of the Southeastern U.S.	Alex Chow, Baruch Institute, Clemson Univ., achow@clemson.edu	9/1/2012 to 12/30/2014	\$16,817.00	NPS
Climate Change and Tidally Influenced Freshwater Forested Wetlands of the Southeast: Understanding Functional Ecological Attributes of Forest Transitions to Marsh	William H. Conner, Clemson University wconner@clemson.edu	5/15/2009 to 5/14/2014	\$258,000.00	USGS
Assessing Quality Indicators for Interpretive Programs in the National Park Service	Bob Powell, Dept. Parks, Rec & Tourism, Clemson University, rbp@clemson.edu	9/25/2009 to 12/31/2013	\$44,432.00	NPS
Application of the Visitor Experience and Resource Protection (VERP) Program in Pinnacles National Monument	Jeff Hallo, Dept. Parks, Rec & Tourism, Clemson University, jhallo@clemson.edu	1/15/2011 to 11/30/2013	\$43,517.00	NPS

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NPS Southeast Region Marine Science Support Center	George Askew, Clemson University Public Services, gaskew@clemson.edu	5/1/2012 to 3/31/2015	\$2,937.50	NPS
DUKE UNIVERSITY				
Finalizing cetacean modeling and mapping products for the NOAA CETSOUND project	Patrick Halpin, Duke University Nicholas School of the Environment, phalpin@duke.edu	9/1/2012 to 8/31/2013	\$74,803.00	NOAA
Reallocation of reservoir storage under changing conditions: climate, sedimentation, and environmental flows	Martin Doyle, Duke University Nicholas School of the Environment, martin.doyle@duke.edu	2/1/2013 to 1/31/2014	\$78,456.00	ACE
EAST CAROLINA UNIVERSITY				
Geomorphic Mapping of Shackleford Banks to Determine the Barrier Island Evolution in Concert with Development of the Archeological History, Cape Lookout National Seashore, NC	Stanley R. Riggs, Dept. of Geological Sciences, ECU, riggss@ecu.edu	7/15/2012 to 7/15/2013	\$21,033.00	NPS
Guilford Courthouse Ethnographic Overview and Assessment	David Griffith, Dep. Of Anthropology, East Carolina University griffithd@ecu.edu	9/1/2012 to 6/1/2014	\$56,648.00	NPS
CESU: Maps, Marshes, and Management Applications: Ecological Effects of Sea Level Rise in North Carolina	Thomas Allen, Dept of Geography and Planning, thomasa@ecu.edu	7/1/2011 to 6/30/2013	\$87,750.00	NOAA
CESU: Commercial Fishing Hang Data as a Proxy for Locating Shipwreck Sites off the Mid-Atlantic Coast	Timothy Runyan, Institute for Coastal Science & Policy, runyant@ecu.edu	9/22/2011 to 8/31/2013	\$250,000.00	BOEM
Welfare Economics of Beach Nourishment Projects Using OCS Sand Resources	Craig Landry, Dept of Economics, landryc@ecu.edu	3/21/2012 to 11/30/2013	\$149,998.00	ACE
NATIONAL WILDLIFE FEDERATION				
Guidance for Climate Smart Natural Resource Management	Naomi Edelson, National Wildlife Federation, edelsonn@nwf.org	9/1/2011 to 9/30/2013	\$50,000.00	USGS
NORTH CAROLINA STATE UNIVERSITY				
Fire GIS Decision Support System for the NPS National Capital, Northeast, and Southeast Region's Fire Programs	Dr. Hugh Devine, College NR, NCSU, hugh_devine@ncsu.edu	8/30/2011 to 12/31/2014	\$427,768.00	NPS
Geographic Information System Research and Development for the Northeast Region of the National Park Service, Part 2	Dr. Hugh Devine, College NR, NCSU, hugh_devine@ncsu.edu	9/2/2008 to 9/30/2013	\$584,093.00	NPS
Multi-scale Assessment of Altered Fire regimes Through a Mechanistic Understanding of Plant Responses to Fire	Dr. William Hoffman, NCSU wahoffma@ncsu.edu	2/15/2011 to 12/31/2014	\$425,900.00	DoD
Sentinel Landscapes Resource Development for Military	Daniel Robinson, Department of Forestry & Environmental Resources, NCSU dan-robinso@ncsu.edu	9/1/2011 to 8/31/2013	\$1,323,162.00	DoD
Sentinel Landscapes Resource Development for Military - Continuing	Robert Bardon & Donald Belk, Dept. Forestry, NCSU drbelk@ncsu.edu	9/30/2012 to 9/29/2013	\$1,336,000.00	DoD
Support for Longleaf Pine Restoration and Regional Partnerships Promoting Military Readiness	Toddi Steelman, Dept. For. & Enviro. Resour., NCSU todi_steelman@ncsu.edu	7/13/2011 to 8/31/2013	\$163,500.00	DoD
TOWSON UNIVERSITY				
Assess importance of freshwater wetlands to amphibian and reptile biodiversity, Cana, FL.	Richard Seigel, Towson Univ., rseigel@towson.edu	8/1/2010 to 12/31/2013	\$28,100.00	NPS
UNIVERSITY OF CENTRAL FLORIDA				

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A Demographic Study and Experimental Restoration of Corema conradii at Cape Cod National Seashore	Betsy VonHolle, Biology Department, University of Central Florida, mary.vonholle@ucf.edu	9/1/2008 to 9/1/2013	\$29,258.00	NPS
Investigation of the effects of sea level rise on sea turtle, shorebird, seabird, and beach mouse nesting distributions within the South Atlantic Landscape Conservation Cooperative region	Betsy VonHolle, Biology Department, University of Central Florida, mary.vonholle@ucf.edu	8/1/2011 to 8/1/2013	\$156,985.00	FWS
UNIVERSITY OF FLORIDA				
Ethnographic Overview and Assessment	Peter Colins, Dep. Anthropology, University of Florida pcollins@ufl.edu	9/1/2011 to 3/31/2014	\$50,641.00	NPS
UNIVERSITY OF GEORGIA				
Everglades Invasive Animal Web and Mobile Reporting System	David Moorhead, School of Forestry and Natural Resources, Univ. Georgia, dmoorhead@warnell.uga.edu	10/1/2010 to 9/30/2015	\$99,166.70	NPS
Assess the occurrence of avian malaria in wading bird species of the south Atlantic region	Larry Bryan, Savannah River Ecology Laboratory, University of Georgia, lbryan@srel.edu	6/1/2012 to 7/1/2013	\$27,399.00	FWS
Assessing longleaf-wiregrass ecosystem restoration progress using indicator species	John Carroll, School of Forestry and Natural Resources, University of Georgia jcarroll@warnell.uga.edu	9/28/2009 to 9/30/2013	\$197,000.00	DoD
Completion of Cultural Landscape Reports & Inventories for NPS Southeast Region Parks	Cari Goetcheus, College of Environment & Design, UGA, cgoetch@uga.edu	7/1/2012 to 6/30/2014	\$90,859.00	NPS
Conservation and recovery of rare, threatened and endangered plant species in Georgia	James M. Affolter, Botanical Gardens, University of Georgia affolter@uga.edu	9/1/2009 to 12/30/2013	\$45,000.00	FWS
Desert Tortoise juvenile survivorship at Mohave National Preserve	Tracey Tuberville, Savannah River Ecology Lab, Univ. Georgia tubervil@uga.edu	3/15/2010 to 3/31/2014	\$11,750.00	NPS
Desert Tortoise Juvenile Survivorship at Mojave National Preserve	Dr. Tracey Tuberville, Assistant Research Scientist, Savannah River Ecology Lab	6/1/2013 to 9/30/2017	\$334,771.00	NPS
Development of Amphibian Monitoring Methodologies for the Gulf Coast Network. Phase 3	Dr. Kurt Buhlmann, Savannah River Ecology Lab, UGA, kbuhlmann@srel.edu	9/23/2008 to 9/30/2013	\$83,753.00	NPS
Southeast Coast Network Climate Science Support Center	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	5/19/2010 to 9/30/2013	\$269,905.00	NPS
Vulnerability assessment for sandhills fauna: Development of ranking criteria sensitivity models and a decision framework for long-term installation	Tracey Tuberville, Savannah River Ecology Lab, Univ. Georgia tubervil@uga.edu	3/28/2011 to 6/30/2014	\$246,659.00	ACE
Detecting and mapping new invasive species occurrences	David Moorhead, School of Forestry and Natural Resources, Univ. Georgia, dmoorhead@warnell.uga.edu	10/1/2010 to 12/30/2013	\$52,200.00	NPS
Survey of Rare Plant Species in the Chattahoochee River National Recreation Area	Dr. Wendy Zomlefer, Dept Plant Biology, UGA, wendyz@plantbio.uga.edu	9/1/2012 to 12/31/2014	\$22,500.00	NPS
Rare Herps Study	Dr. Kurt Buhlmann, Savannah River Ecology Lab, UGA, kbuhlmann@srel.edu	8/15/2012 to 2/14/2014	\$30,335.00	DoD
Provide, develop, and test methods for assessing effects of transportation projects on stream habitat connectivity	Nathan P. Nibbelink, School of Forestry and Natural Resources, Univ. Georgia, nnibbelink@warnell.uga.edu	8/1/2012 to 8/1/2014	\$188,217.00	FWS
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	USGS

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One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	NRCS
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	NPS
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	10/31/2009 to 6/30/2013	\$10,000.00	NOAA
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	FWS
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	DoD
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	1/5/2011 to 6/30/2013	\$10,000.00	BOEM
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	BLM
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	ARS
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	10/31/2009 to 6/30/2013	\$10,000.00	ACE
NPS Invasive Plant Alert - A mobile App	Chuck Barger, Center for Invasive Species & Environmental Health, University of Georgia cbarger@uga.edu	9/1/2012 to 2/28/2014	\$15,000.00	NPS
Monitoring of robust redhorse (Moxostoma robustum) spawning behavior responses to flow and water quality variation	C. Rhett Jackson, School of Forestry and Natural Resources, Univ. Georgia rjackson@warnell.uga.edu	9/1/2011 to 8/31/2013	\$47,014.00	USGS
Vascular Plant Inventories at Andersonville National Historic Site	Dr. Wendy Zomefer, Dept Plant Biology, UGA, wendyz@plantbio.uga.edu	9/1/2012 to 12/31/2013	\$12,000.00	NPS
Impacts of Flow Variation From 2001 to 2011 on Aquatic Invertebrate Communities Downstream of the Buford Dam on the Chattahoochee River	Darold Batzer, Dept. of Entomology, UGA, dbatzer@uga.edu	7/1/2012 to 9/30/2013	\$20,000.00	NPS
Habitat along the East Pearl River, MS and LA, and interactions with U.S. Navy Training	Dr. Kurt Buhlmann, Savannah River Ecology Lab, UGA, kbuhlmann@srel.edu	6/5/2012 to 11/15/2013	\$27,527.00	DoD
Forest Inventory of National Wildlife refuges	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	10/1/2011 to 9/30/2015	\$140,000.00	FWS
One-time CESU Administration fee	James M. Sweeney, School of Forestry and Natural Resources, UGA, jsweeney@warnell.uga.edu	7/1/2003 to 6/30/2013	\$10,000.00	FS
UNIVERSITY OF NORTH CAROLINA--CHAPEL HILL				
Three State Air Quality Study	Zachariah Adelman, Institute for the Environment, UNC-Chapel Hill, zac@unc.edu	5/15/2012 to 12/31/2013	\$220,000.00	NPS

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A Specialized Analysis of the Ceramic Artifacts from the Fort Rosalie Project	Vincas P. Steponaitis, Research Laboratories of Archaeology, UNC-Chapel Hill, vin@unc.edu	9/15/2012 to 9/30/2017	\$10,000.00	NPS
Assessing the impacts of climate change in forest fires using climate downscaling and production function models	Uma Shankar, Research Associate, UNC Institute for the Environment, ushankar@unc.edu	7/1/2011 to 6/30/2013	\$129,964.00	FS
UNIVERSITY OF NORTH CAROLINA--WILMINGTON				
Anthropogenic Soil Disturbance Affects and Baseline Inventory of Archaea for the George Washington Memorial Parkway, McLean Virginia	Bongkeun Song, Dept. of Bio. & Marine Biology, UNC-W, songb@uncw.edu	5/15/2012 to 12/31/2014	\$19,500.00	NPS
UNIVERSITY OF SOUTH CAROLINA				
Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	Dr. John Kupfer, Dept. Geography, USC, kupfer@sc.edu	8/26/2010 to 12/15/2013	\$362,920.00	NPS
Ecological characterization of bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, US Virgin Islands	James L. Pinckney, Dept of Biological Sciences, USC, Pinckney@sc.edu	8/1/2012 to 12/31/2013	\$124,871.00	NPS
Environmental and energy management goals through Navy EMS integration and BUMD EMSWeb applications	Phillip Barnes, School of the Environment, USC pbarnes@environ.sc.edu	9/1/2012 to 8/31/2013	\$90,000.00	DoD
Magnitude and Pattern of Floodplain Sedimentation in the Bates Fork Tract, Congaree National Park	Dr. John Kupfer, Dept. Geography, USC, kupfer@sc.edu	7/1/2011 to 12/31/2013	\$25,000.00	NPS
Testing of Eight Late Discoveries, U.S. Army Garrison, Fort Jackson, South Carolina	Audrey Dawson, SC Inst of Archeology & Anthropology, USC adawson@sc.edu	7/1/2012 to 12/31/2013	\$90,407.00	DoD
Video Coverage for Providing Diversity in Cropping Systems to Improve Soil Health	Robin Kloot, Earth Science Resources Institute, USC rwkloot@esri.sc.edu	7/18/2011 to 7/30/2013	\$38,325.00	NRCS
Assess the Distribution and Status of Champion Trees at Congaree National Park	Dr. John Kupfer, Dept. Geography, USC, kupfer@sc.edu	8/1/2012 to 5/1/2014	\$23,500.00	NPS
UNIVERSITY OF SOUTH FLORIDA				
Ethnographic Advising / Consulting and Technical Assistance in Program Development for NPS	Antoinette T. Jackson, Department of Anthropology, University of South Florida	8/1/2012 to 3/31/2015	\$105,233.00	NPS
Fort Matanzas National monument Digital Documentation Project: Using Terrestrial LIDAR for the Understanding of Structural Integrity Concerns for Coastal Forst and Coguina Structires	Travis F. Doering, College of Arts & Sciences, University of South Florida tdoering@usf.edu	8/1/2012 to 7/31/2013	\$7,999.00	NPS
Support the Marine Resources Assessment Program	William T. Hogarth, College of Marine Science, University of South Florida	7/1/2010 to 6/30/2013	\$250,000.00	NOAA
UNIVERSITY OF WEST GEORGIA				
National Register Documentation and Island Ford, Chattahoochee River National Recreation Area	Ann McCleary, History Deaprtment, University of West Georgia, amcclear@westga.edu	8/30/2012 to 12/13/2013	\$37,306.00	NPS
Archive Management with Student Interns	Ann McCleary, History Deaprtment, University of West Georgia, amcclear@westga.edu	8/28/2012 to 12/13/2013	\$72,402.00	NPS
CDR Information Presentation	Ann McCleary, History Deaprtment, University of West Georgia, amcclear@westga.edu	9/15/2012 to 8/12/2014	\$7,000.00	NPS
Flexible Park Base Archives Cataloging Program Coordinator	Ann McCleary, History Deaprtment, University of West Georgia, amcclear@westga.edu	7/1/2012 to 9/30/2014	\$333,366.00	NPS