

Goal 4. Greater Harmony between Agriculture and the Environment

Water Quality

<u>P.I.</u>	<u>Proj. No.</u>	<u>Department</u>	<u>Title</u>
Bain Lisa	1700380 H-S	Biol Sci	Developing tools for fundulus to assess impacts of non-point source pollution 1 March 08/30 June 12
Carraway, Elizabeth	1700260 H-S	Sch of Environ	Copper and mercury complexation by natural organic matter: effects of NOM size on metal bioavailability 1 July 04/30 June 09
Carraway Elizabeth	1700311 H-S-MRF NC-1031	Sch of Environ	Nanotechnology and biosensors 1 Oct 06/30 Sept 11
Eidson Gene	1700352 H-S	Biol Sci	<i>PROJECT INCOMPLETE</i> (Remote data/water quality) 1 Dec 07/30 June 12
English Rocky	1700307 H-S	FNR	Biotic integrity in South Carolina stream ecosystems 1 July 06/30 June 11
Hayes, John	1700390 H-S-MRF S-1042	ABE	Modeling for TMDL development and watershed based planning, management, and assessment 1 Oct 08/30 Sept 13
Hitchcock Daniel	1700393 M-S	ABE Baruch	Coastal development and nonpoint source pollution: a systems approach to managing water resources 1 Jan 09/30 June 11
Jayakaran Anand	1700394 M-S	ABE Baruch	Impacts of urbanization on flow and sediment regimes in coastal watersheds of SC 1 Jan 09/30 June 12
Klaine Steve	1700297 H-S	Biol Sci	Fate and effects of metals, polychlorinated biphenyls, and pharmaceuticals in aquatic ecosystems 1 July 06/30 June 11
Quisenberry Virgil	1700343 H-S	ESPS	Soil hydraulics of septic drainlines 1 July 07/30 June 12
Schlautman, Mark	1700265 H-S-MRF NC-1022	Sch of Environ	Chemical and physical nature of particulate matter affecting air, water, and soil quality 1 Oct 04/30 Sept 09

Schlautman Mark	1700395 M-S	Sch of Environ	Characterizing/minimizing particulate matter-based pollution in SC watersheds 1 Jan 09/30 June 10
Wang Geoff	1700361 M-S	FNR	Restoring longleaf pine ecosystems in existing pine stands 1 Oct 08/30 June 13
Willis David	1700356 H-S	Appl Econ	Towards an integrated water policy model for SC 1 Jan 08/30 June 12

Sustainable Forestry and Agriculture

<u>P.I.</u>	<u>Proj. No.</u>	<u>Department</u>	<u>Title</u>
Conner William	1700271 M-S	FNR Baruch	Ecology and management of forested wetland ecosystems of the southern U.S. 1 July 05/30 June 10
Guynn David	1700295 M-S	FNR	Economic assessment of hunting in rural SC 1 July 06/30 June 11 Rev 1 Feb 07/30 June 09 Ext to 30 June 10
Lanham Drew	1700257 M-S	FNR	Monitoring wildlife habitats conditions in Southeastern forests: assessing the status of biodiversity in dynamic landscapes 1 July 04/30 June 09
Song, Bo	1700259 M-S	FNR Baruch Inst.	Environmental responses to fire and forest management in the SC coastal plain 1 July 04/30 June 09
Straka, Tom	1700254 M-S	FNR	Measuring costs, benefits, and relative contributions of wildlife management in a forest financial portfolio 1 July 04/30 June 09
Straka Tom	1700396 M-S	FNR	Forest valuation and financial issues in consulting forestry: solution techniques and applied computer software models 1 July 09/30 June 14

Creating Sustainable Environment

<u>P.I.</u>	<u>Proj. No.</u>	<u>Department</u>	<u>Title</u>
Bowerman William	1700281 H-S	FNR	Biological and xenobiological toxins affecting bald eagles 1 July 05/30 June 10
Ickes Kalan	1700286 H-S	Biol Sci Sandhill REC	Modeling effects of hurricanes on forests of the Caribbean and the Southeastern United States 1 Feb 07/30 June 11
Marko Peter	1700342 H-S	Biol Sci	Biogeography and phylogeography as lenses to study the effects of climate change on coastal marine communities 1 July 07/30 June 12
Mikhailova Elena	1700330 Hatch	FNR	Soil management impacts in dynamic landscapes of the Southeastern U.S. 1 Mar 07/30 June 11

Pest Management

<u>P.I.</u>	<u>Proj. No.</u>	<u>Department</u>	<u>Title</u>
Adler Peter	1700276 H-S	ESPS	Ecology and systematics of arthropods of medical and veterinary importance 1 July 05/30 June 10
Adler Peter	1700306 H-S	ESPS	Identification and distribution of insects in South Carolina 1 July 06/30 June 11
Bellinger Robert	1700269 H-S-MRF NRSP-4	ESPS	High value specialty crop pest management 1 Oct 04/30 Sept 09 Ext to 30 Sept 10
Greene Jeremy	1700317	ESPS Edisto REC	Development and evaluation of management strategies for insect pests of cotton 1 Oct 06/30 June 11
Hood Mike	1700367 H-S	ESPS	Integrated management strategies for honey bee pests and diseases (incomplete title) 1 July 08/30 June 13
Hood Mike	1700341 NC 508 H-S-MRF	ESPS	Sustainable solutions to problems affecting honey bee health 1 July 07/30 June 09
Kerrigan Julia	1700362 H-S	ESPS	Biology and ecology of forest tree pathogens in the Southeastern U.S.: beech bark disease 1 Feb 08/30 June 12

Zungoli	1700243	ESPS	Urban arthropod biology and management
Pat	H-S		1 July 07/30 June 12

Department names & abbreviations:

Agricultural & Biological Engineering (ABE)
Animal & Veterinary Sciences (AVS)
Applied Economics & Statistics (Appl Econ)
Baruch Institute (Baruch Inst)
Bioengineering (Bioeng)
Biological Sciences (Biol Sci)
Entomology, Soils & Plant Sciences (ESPS)
Food Science & Human Nutrition (Food Sci)
Forestry & Natural Resources (FNR)
Genetics, Biochemistry & Life Science Studies (Genetics)
Horticulture (Hort)
Livestock-Poultry Health (LPH)
Packaging Science (Pkg Sci)
Parks, Recreation, Tourism Management (PRTM)
School of the Environment (Sch of Environ)
Sociology

Fund

H = Hatch
M = McIntire-Stennis
S = State
MRF = Multi-Region Funds