

## 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	Remote data acquisition and water quality (incomplete title) 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, assessment John	1700188 H-S	ABE	Development and evaluation of TMDL planning and tools and processes 1 Oct 01/30 Sept 06 ext to 30 Sept 07 ext to 30 Sept 08 (Hatch & state only)
Hitchcock Daniel	1700321	ABE Baruch	Coastal development and nonpoint source pollution: a systems approach to managing water resources 1 Jan 07/30 June 11
Jayakaran Anand	1700383 h-S	ABE Baruch	Impacts of urbanization on flow and sediment regimes in coastal watersheds of SC 1 Mar 08/30 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	1700278 H-S	Sch of Environ	Characterizing/minimizing particulate matter-based pollution in SC watersheds 1 July 05/30 June 10
Wang Geoff	1700361 MS--S	FNR	Silviculture (incomplete title) 1 Feb 08/30 June 12
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**

<b><u>P.I.</u></b>	<b><u>Proj. No.</u></b>	<b><u>Department</u></b>	<b><u>Title</u></b>
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
Gwynn 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
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

### **Creating Sustainable Environment**

<b><u>P.I.</u></b>	<b><u>Proj. No.</u></b>	<b><u>Department</u></b>	<b><u>Title</u></b>
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 effects Peter	1700342 H-S	Biol Sci	Biogeography and phylogeography as lenses to study the 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
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**Pest Management**

<b><u>P.I.</u></b>	<b><u>Proj. No.</u></b>	<b><u>Department</u></b>	<b><u>Title</u></b>
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
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 Pat	1700243 H-S	ESPS	Urban arthropod biology and management 1 July 07/30 June 12