LSU NGI/GRI Phase II New Proposals:

1. Ants as bioindicators of multi-stressors on beaches and foredunes of the northern Gulf of Mexico

PI: Linda Hooper-Bùi, Dept. of Entomology, LSU Agcenter

Theme: O, U

Budget: $17,702

1. Effects of oil, dispersant, and remediation-related human activities on marsh plants and associated insects and mollusks

PI: Linda Hooper-Bùi, Dept. of Entomology, LSU Agcenter

Co-PIs: R. Eugene Turner, Dept. of Oceanography and Coastal Sciences, LSU

Laurie Anderson, Dept. of Geology, LSU

Theme: O, U

Budget: $140,000

1. Impacts of the Gulf of Mexico oil spill on exosystem services of the Mississippi Delta

PI: John Day, Dept. of Oceanography and Coastal Sciences, LSU

Theme: U

Budget: $132,726

1. Oil spill impacts on NGoM fisheries and food webs: an observational study

PI: Brian Fry, Dept. of Oceanography and Coastal Sciences, LSU

Co-PI: Don Baltz, Dept. of Oceanography and Coastal Sciences, LSU

Co-PI: Dubravko Justic, Dept. of Oceanography and Coastal Sciences, LSU

Co-PI: Nan Walker, Dept. of Oceanography and Coastal Sciences, LSU

Co-PI: Ed Chesney, LUMCON

Theme: O, U

Budget: $249,824

1. A laboratory-based assessment to examine the phytoplankton community response to the Deep Water Horizon oil spill

PI: Sibel Bargu, Dept. of Oceanography and Coastal Sciences, LSU

Theme: U

Budget: $94,396

1. Macaondo 252 oil spill impacts in Louisiana coastal wetlands: effects on soil-microbial-plant systems

PI: Irving Mendelssohn, Dept. of Oceanography and Coastal Sciences, LSU

PI: Aixin Hou, Dept. of Environmental Sciences, LSU

PI: Qianxin Lin, Dept. of Oceanography and Coastal Sciences, LSU

Theme: O, U

Budget: $148,500

1. Evaluating the perturbation of the oil spill: implementing a long term physical and chemical observation program for analysis and model validation

PI: Chunyan Li, Dept. of Oceanography and Coastal Sciences, LSU

PI: Kanchan Maiti, Dept. of Oceanography and Coastal Sciences, LSU

PI: John R. White, Dept. of Oceanography and Coastal Sciences, LSU

Theme: O

Budget: $150,000

1. Field observation and modeling of the impact of oil spill on marsh erosion in southern Louisiana

PI: Q. Jim Chen, Dept. of Civil and Environmental Engineering, LSU

PI: Gregg Zhang, Dept. of Civil and Environmental Engineering, LSU

Theme: O, U

Budget: $133,000

1. Predicting long term impacts of the Deepwater Horizon oil spill on oyster health and production

PI: Kenneth Brown, Dept. of Biological Sciences, LSU

PI: Jerome La Peyre, Dept. of Veterinary Sciences, LSU Agcenter

Theme: O, U

Budget: $77,545