**Linda M. Hooper-Bùi**

***(A.1) Professional Credentials***

August 2014 to present. Associate Professor, Dept. Environmental Science, LSU

2004 to 2014. Associate Professor, Dept. Entomology, LSU

1998-2004. Assistant Professor, Dept. Entomology, LSU

1997-1998. Lecturer, Dept. Biology Calif State Univ, Long Beach

***(A.2) Academic Credentials***

California State Univ. Long Beach. B.A. Biology 1991

University of California, Riverside. M.S. Entomology 1995

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***(B.1) Five publications most closely related to the proposed project***

1.X Chen, BJ Adams, A Sabo, T Crupi, **LM Hooper-Bùi.** 2016. Ant Assemblages and Co-Occurrence Patterns in Cypress-Tupelo Swamp. Wetlands. p. 1-13. doi: 10.1007/s13157-016-0795-y.

2. **LM Hooper-Bùi,** ESC Kwok, BA Buchholz, MK Rust, DA Eastmond, JS Vogel. 2015. Insecticide Transfer Efficiency and Lethal Load in Argentine Ants. Nucl Instrum Methods Phys Res B. 15;361: 665-669.

3.Chen, X, BJ Adams, C Bergeron, **LM Hooper-Bùi.** 2015. Ant community structure and response to disturbances on coastal dunes of Gulf of Mexico. Insect Conservation 19:1. doi:10.1007/s10841-014-9722-9.

4.Pennings, S, B McCall, and **LM Hooper-Bùi.** 2014**.** Effects of oil spills on terrestrial arthropods in coastal wetlands. Bioscience. 64 (9): 789-795. doi: 10.1093/biosci/biu118.

5. Turner, RE, E Overton, B Meyer, S Miles, **LM Hooper-Bùi.** 2014. Changes in the concentration and relative abundance of alkanes and PAHs from the Deepwater Horizon oiling of coastal marshes. Marine Pollution Bulletin. 86: 291-297. http://dx.doi.org/10.1016/j.marpolbul.2014.07.003

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***(B.2) Five other significant publications.***

6. **Hooper-Bùi, LM,** NN Rabalais, AS Engel, RE Turner, G McClenachan, B Roberts, EB Overton, D Justic, K Strudivant, K Brown, J Conover. 2014. Key insights into the Coastal Effects of the Macondo Blowout from the Coastal Waters Consortium: A GoMRI Consortium. Proceedings of the International Oil Spill Commission. 2014 (1):604-617.

7**.** Chen, X, JA MacGown, BJ Adams, KA Parys, RM Strecker, and **LM Hooper-Bùi.** 2012. First record of *Pyramica epinotalis* (Hymenoptera: Formicidae) for the United States. Psyche. Doi: 10.1155/2012/850893.<http://www.hindawi.com/journals/psyche/2012/850893/>.

8.Wang, C., X Chen, **LM. Hooper-Bùi,** RM Strecker, Y Wen, T Ma, Z Sun, and X Wen. In press.How Do Groups of Red Imported Fire Ants (Hymenoptera: Formicidae) Feed on a Droplet of Sugar Water? *Journal of Insect Science*.

9.Turner, RE, E. Overton, B Meyer, S Miles, **LM Hooper-Bùi,** A Summers- Engel, E Swenson, J. Lee, C. Milan. **2014.** Distribution and recovery trajectory of Macondo (Mississippi Canyon 252) oil in Louisiana coastal wetlands. Marine Pollution Bulletin. 87(1-2):57-67. http://dx.doi.org/10.1016/j.marpolbul.2014.08.011.

10. Lach, L and **L Hooper-Bùi.** 2012**.** Chapter 15: Consequences of ant invasions. *In* Ant Ecology. Eds L Lach, C Parr, and K Abbott. Oxford University Press. p 261-286.

**(C.1) Five archived datasets most closely related to the proposed project**

1. Terrestrial arthropod species abundance data at oiled and unoiled sites in a Louisiana saltmarsh ecosystem, April and June, 2013 and 2014. doi: 10.7266/N7K935FT

2. Ant Abundance and Dune Plant Conditions, Padre Island, TX, to St. George's Island, FL, Summer 2011. doi: 10.7266/N7C8277C

3. Ant Abundance and Dune Plant Conditions, Mae's Beach, LA, to St. Joseph Peninsula, FL, Summer 2010. doi: 10.7266/N7H12ZZ9

4. Insects in the Marsh: Is Sweeping or Vacuuming More Effective for Collecting Ants on Barataria Dunes doi: 10.7266/N7QV3JH1

5. Concentration of Alkane and Aromatic hydrocarbons in south Louisiana marshes 2010 to 2012. doi: 10.7266/N7Z60KZR

**(C.2) Five other significant archived datasets**

1. [Cricket Oil Mortality Studies in the Lab](https://data.gulfresearchinitiative.org/data/R1.x139.144:0017). doi: [10.7266/N73R0QRG](http://dx.doi.org/10.7266/N73R0QRG)

2. Stable carbon and nitrogen isotope composition of seaside sparrow and salt marsh arthropod species, Barataria Bay, LA, 2013. doi: 10.7266/N7KK98P7

3. Ant Behavior, Activity and Foraging Lab Experiment doi: 10.7266/N7H12ZXV