



EVA DIANA WINDHOFFER



Experience Profile Eva Windhoffer, Coastal Wildlife Ecologist, joined the Institute on Oct. 26 coming to the team after three years as a coastal resources scientist with the Louisiana Oil Spill Coordinator’s Office (LOSCO) where she helped conducted Natural Resource Damage Assessments and implement and monitor coastal restoration projects.

Eva received her bachelor’s degree from University of Maryland, College Park in Natural Resources Management and then received her master’s degree from Nicholls State University in 2017 in Marine and Environmental Biology, where she studied breeding waterbird responses to mammalian control on Louisiana’s barrier islands.

She has certificates in HazMat Technician 40 hours, Science of Oil Spills (NOAA), Shoreline Cleanup Assessment Technique (NOAA), and Incident Command System (FEMA). She also has extensive experience as a field biologist monitoring coastal waterbirds, conducting vegetation surveys, invasive plant control, and sea turtle nest surveys. Eva’s research interests include coastal restoration, wildlife and avian ecology, and conservation.

Company Role

Coastal Wildlife Ecologist

Project Role / Focus Areas

- Coastal ecology
- Ornithology
- Wildlife biology
- ArcGIS
- Data management
- Technical writing
- Outreach and education

Education

- M.S. – Marine and Environmental Biology, Nicholls State University - 2017
- B.S. – Natural Resources Management, University of Maryland, College Park - 2011

Certificates

- HazMat Technician 40 hours
- Science of Oil Spills (NOAA)
- Shoreline Cleanup Assessment Technique (NOAA)
- Incident Command System (ICS) 100, 200, 300, 400, 700 & 800

Professional Experience

The Water Institute of the Gulf

- *Coastal Wildlife Ecologist* 2020-Present

Louisiana Oil Spill Coordinator’s Office

- *Coastal Resource Scientist 3* 2017-2020

Nicholls State University

- *Research Assistant* Jan. 2015-May2017
- *Graduate Teaching Assistant* Jan. 2015-May 2017

Barataria Terrebonne National Estuary Program

- *Biological Technician/Contractor* Jan. 2015-Dec. 2015

Stephen F. Austin State University

- *Biological Science Technician* Apr. 2014-Aug. 2014

National Park Service

- *Exotic Plant Management Team Intern* Nov. 2013-Mar. 2014

Mississippi Department of Marine Resources

- *Marsh Bird Technician* Mar. 2013-June 2013

Edwin B. Forsyth National Wildlife Refuge

- *USFWS Biology Intern* Apr. 2012-Sept. 2012

Selected Publications

1. **Windhoffer, E.** et al (2017). Variability in Gull-Billed Tern Breeding Parameters at the Isles Dernieres Barrier Islands Refuge, Louisiana, USA. *Waterbirds* (40)4.
2. **Windhoffer, E.D.** and A.R. Pierce. *In Press*. Video Monitoring of Waterbird Colonies Reveals Nutria (*Myocastor coypus*) as Top Mammalian Predator. *Waterbirds*.
3. Rolland, V., Nepshinsky, M., **Windhoffer, E.D.**, Liechty, L.S., Minor, A.K., and Pierce, A.R. 2020. Foraging areas and movements of Royal Tern *Thalasseus maximus* at the Isles Dernieres Barrier Island Refuge, Louisiana. *Marine Ornithology* 48(2).
4. Nepshinsky, M., S. Taylor, J.S. Liechty, A.K. Minor, **E.D. Windhoffer**, and A.R. Pierce. *In Press*. Morphometric sex determination of breeding adult Royal Terns *Thalasseus maximus* and Sandwich Terns *T. sadvicensis* in Louisiana. *Marine Ornithology*.

Selected Conference Proceedings and Presentations

1. Nov 2019 - Windhoffer, Eva D. LOSCO. Oil Spills and Birds: From Response to Restoration. BTNEP Management Conference, Thibodaux, Louisiana
2. Feb 2019 - Windhoffer, Eva D. and Gina Saizan. LOSCO. Oil Spills and Birds – Response to Restoration. Sea Grant Birds & Oil Spills Workshop, Baton Rouge, Louisiana
3. Oct 2018 - Windhoffer, Eva D. LOSCO. From Response to Restoration - Three Louisiana Coastal Oil Spills that Lead to one Restoration Project. Clean Gulf, New Orleans, Louisiana
4. Sept 2016 - Windhoffer, E.D. and A. Pierce. Evidence of Predation and Disturbance in Nesting Waterbird Colonies on a Louisiana Barrier Island System Using Video Monitoring. The Waterbird Society 40th Annual Meeting, New Bern, North Carolina
5. Sept 2016 - Windhoffer, E.D. and A. Pierce. Evidence of Predation and Disturbance in Nesting Waterbird Colonies on a Louisiana Barrier Island System Using Video Monitoring. Louisiana Association of Professional Biologists/Louisiana Chapter, The Wildlife Society Fall Symposium, Baton Rouge, Louisiana
6. Aug 2016 - Windhoffer, E.D. and A. Pierce. (Poster). Evidence of Predation in Nesting Waterbird Colonies on a Louisiana Barrier Island System Using Video Monitoring. North American Ornithological Conference, Washington, D.C.
7. May 2016 - Windhoffer, E.D. and A. Pierce. (Poster). Evidence of Predation in Nesting Waterbird Colonies on a Louisiana Barrier Island System Using Video Monitoring. Louisiana Department of Wildlife and Fisheries Research Symposium, Baton Rouge, Louisiana The Economic Benefits of Coastal Restoration in Louisiana (Presentation). National Adaptation Forum, Madison, WI, April 24, 2019.