



# EVA DIANA WINDHOFFER



**Experience Profile** Eva Windhoffer, Coastal Wildlife Ecologist, focuses on providing technical support for avian research projects for the Louisiana and Regionwide Technical Implementation Groups (TIGs), and project managing multiple Research and Development (R&D) projects for The U.S. Army Corps of Engineers' (USACE) Engineer Research and Development Center (ERDC). She 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 project management.

Prior to joining the Water Institute, Windhoffer was 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.

Windhoffer 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 the nest success of breeding waterbirds on Louisiana's barrier islands. She has certificates in Project Management, Science of Oil Spills (NOAA), Shoreline Cleanup Assessment Technique (NOAA), and Incident Command System (FEMA).

## Company Role

Coastal Wildlife Ecologist

## Project Role / Focus Areas

- Coastal ecology
- Ornithology
- Wildlife biology
- Project management
- 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

- Professional in Project Management by Global Association for Quality Management (GAQM)
- 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-May 2017
- *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.D.** and A.R. Pierce. 2021. Video Monitoring of Waterbird Colonies Reveals Novel Predator. *Waterbirds*. 44(1).
2. **Windhoffer, E.** et al. 2017. Variability in Gull-Billed Tern Breeding Parameters at the Isles Dernieres Barrier Islands Refuge, Louisiana, USA. *Waterbirds* (40)4.
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. 2021. Morphometric sex determination of breeding adult Royal Terns *Thalasseus maximus* and Sandwich Terns *T. sadvicensis* in Louisiana. *Marine Ornithology* 49(1).

### **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.