

Jeffrey Robert Wozniak

Assistant Professor

Department of Biological Sciences

Sam Houston State University

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Education

- 2006 Doctor of Philosophy:** Department of Biological Sciences. Florida International University, Miami, FL
- Dissertation Title: “Quantifying nitrogen cycling rates in freshwater marshes of the Southern Everglades using ¹⁵N tracer techniques.” (Dan Childers, Advisor)
- 2000 Bachelor of Science:** Department of Biology. Allegheny College, Meadville, PA
- Senior Thesis Title: “The effects of wetland location and permanence on nutrient composition of detritus from subalpine and eastern deciduous wetlands.” (Milt Ostrofsky, Advisor)

Professional Experience

- 2012-present: Assistant Professor, Dept. Biological Sciences, Sam Houston State University**
- Research Theme: Working towards understanding the biogeochemical cycling of nutrients, ecosystem and community responses to natural and anthropogenic drivers at varied spatial and temporal scales, and the importance/role of habitat management in sustaining ecosystem goods and services.
 - Aquatic Ecosystems Ecology Laboratory: “Employing a holistic approach to ecological field & lab research”
 - Using ecosystem approaches to science to integrate both biotic & abiotic considerations through measuring both ecosystem structure and function
- 2009-2012: Post-Doctoral Research Fellow, Texas Research Institute for Environmental Studies, Sam Houston State University**
- 2007-2009: Post-Doctoral Research Associate, Dept. of Wildlife and Fisheries Sciences, Texas A&M University**
- Post-Doctoral Advisor: Stephen Davis
- 2001-2006: Research Assistant, Wetland Ecosystems Ecology Lab, Florida International University**
- 2001-2006: Teaching Assistant, Department of Biological Sciences, Florida International University**

Research Experience

- 2004-2005 National Center for Ecological Analysis and Synthesis, Santa Barbara, CA**
- Graduate Distributed Seminar: Data-driven Review of Ecosystem-based Management Efforts - Process, Patterns, and Implications
- 2000 Marine Biologist/Fisheries Observer, Bering Sea Fishery, Dutch Harbor, AK**
- Research: National Marine Fisheries Service Experimental Fishery Project: “Experimental Use and Design of Rigid Grate Halibut Excluders for Excluding Pacific Halibut from Ground Fish Trawls”
- 1998-2000 Undergraduate Comprehensive Research, Department of Biology, Allegheny College, Meadville, PA**
- Thesis Research: “The effects of wetland location and permanence on nutrient composition of detritus from subalpine and eastern deciduous wetlands”

2000 Pennsylvania State Game Commission Internship - Pymatuning-Geneva District Office

- Research: Invertebrate standing stocks and waterfowl usage in Pennsylvania State Game Commission wetlands

1999 Rocky Mountain Biological Laboratory, Gothic, CO

- Research: 1. Determination of paleo-snowline through glacier reconstruction in the West Elk Mountains of CO
2. Invertebrate preference to aerial and submerged macrophytes

Journal Articles and Book Chapters

Wozniak, J.R., Thies, M.L., Bytheway, J.A. and Lutterschmidt, W.I. *In Press*. A Hydrologic Retention System and Water Quality Monitoring Program for a Human Decomposition Research Facility: Concept and Design. *Journal of Forensic Science*.

Wozniak, J.R. 2012. The effects of oil spills on ecological systems. *In*: L.A. Eargle & A.M. Esmail (eds.) *Black Beaches and Bayous: BP Deepwater Horizon Oil Spill Disaster*. University Press of America.

Wozniak J.R., T.M. Swannack, R. Butzler, C. Llewellyn, and S.E. Davis. 2012. River inflow, estuarine salinity, and Carolina Wolfberry fruit abundance: linking abiotic drivers to Whooping Crane food. *J Coast Conserv* 16(3) 345-354.

Wozniak J.R., D.L. Childers, W.T. Anderson, E.E. Gaiser, D.T. Rudnick, and C. Madden. 2012. Potential N processing by southern Everglades freshwater marshes: Are Everglades marshes passive conduits for nitrogen? *Estuarine, Coastal and Shelf Science* 96(1) 60-68.

Inglett, P.W., V. Rivera-Monroy, and **J.R. Wozniak**. 2011. Biogeochemistry of nitrogen across the Everglades Landscape. *Critical Reviews in Environmental Science and Technology* 41(S1)187-216

Tivador III, E.J., S. Bonge, S. Rodriguez, **J.R. Wozniak**, and W.I. Lutterschmidt. 2011. Natural History Note: Predation on *A. contortrix* by *M. fulvius*. *Herpetological Review* 10(3) 561-562.

Wozniak J.R. and B. Mason. 2010. The effects of wetland location and permanence on nutrient composition of detritus from subalpine and eastern deciduous wetlands. *Journal of the Pennsylvania Academy of Sciences* 84(1):3-10.

Davis S.E., D. Lirman, and **J.R. Wozniak**. 2009. Nitrogen and phosphorus exchange between tropical coastal ecosystems. *In*: I. Nagelkerken (ed.) *Ecological Linkages Among Tropical Coastal Ecosystems*. Springer-Verlag, New York, NY, USA.

Wozniak J.R., D.L. Childers, W.T. Anderson, D.T. Rudnick, and C. Madden. 2008. Quantifying N cycling rates in oligotrophic wetlands using ¹⁵N tracer techniques and field mesocosms. *Wetlands* 28(2):502-512.

Manuscripts Currently in Review or Revision:

Koch, G.R., Pisani, O., **Wozniak, J.R.**, Gaiser, E., Davis, S.E., and Childers, D.L. Ecological and physical characteristics of flocculent detritus in the Everglades: A comparison of methods. Submitted to *Wetlands*.

Swannack T, **J.R. Wozniak**, W. Grant, and S.E. Davis. Modeling landscape-level hydrological connectivity patterns in salt marsh ecosystems. Submitted to *Estuaries and Coasts*.

Selected Manuscripts Currently in Preparation:

Wozniak J.R., G. Noe, D.L. Childers, W.T. Anderson, E.E. Gaiser, D.T. Rudnick, and C. Madden. Determining nitrogen uptake rates at varying phosphorus loads in an estuarine ecotone wetland, Southern Everglades, USA. *In preparation*

Wozniak J.R., K Roach, S.E. Davis, and D. Hoeninghaus. Using stable isotopes to assess food web dynamics in the coastal marshes of the Aransas National Wildlife Refuge, TX. *In preparation*

University Teaching Experience

Sam Houston State University:

- **Environmental Science** (BIOL 1301) non-major/undergraduate course
 - Theme: Assessing ES issues to better formulate and communicate a multi-disciplinary understanding
 - Semesters taught: Fall '12, Spring/Fall '13
- **Ecology** (BIOL 3409) undergraduate course
 - Theme: Understanding how energy and information move through both human and natural systems
 - Semesters taught: Fall '13
- **Ecosystem Ecology** (BIOL 5394) graduate course
 - Theme: Understanding how energy and information move through both human and natural systems
 - Semesters taught: Spring '13
- **Wetland Ecology** (BIOL 5394) graduate course
 - Theme: Linking the structure and function of wetland to applied management scenarios
 - Semesters taught: Fall '12

Previous Academic Appointments:

2009 Lone Star College, Natural Sciences Division, Department of Biology: Adjunct Professor

- Biology II: Undergraduate Level
- Theme: Inter-relationships between organisms from the molecular to ecosystem levels of organization

2008-'09 Texas A&M University, Dept. of Wildlife and Fisheries Sciences: Instructor

- Wetland Ecosystem Management: Undergraduate Level
- Lead Professor: Spring 2008 Semester; Co-Professor: Spring 2009
- Theme: Climate Change, Wetland Laws, Policy & Permitting, and Ecosystem Development
- Concepts Taught: Aquatic Ecology, Ecosystem Goods & Services, Habitat Valuation & Restoration, Biogeochemical Processes and Conservation Biology

2007 Texas A&M University, Dept. of Wildlife and Fisheries Sciences: Instructor

- Wetland Ecology: Graduate Level Course
- Co-Professor: Spring 2007 & Fall 2007 Semesters
- Theme: Controls of Climate & Geomorphology on Physiochemical Environment, Hydrology and Biota
- Concepts Taught: Aquatic Ecology, Treatment Wetlands, Habitat Mitigation & Restoration, Conservation Biology and Environmental Stewardship

2005 Florida International University, Department of Biological Sciences: Ecology Lecture Teaching Assistant

- Applied, Theoretical & Historical Ecological Concepts and Biogeography
- Lead weekly lectures and facilitated discussion forums

2003-2004 Florida International University, Department of Biological Sciences: Teaching Assistant/Ecology Instructor

- Population & Community Ecology, Tropical Ecosystems Ecology, Statistics, Hydrology

2001-2002 Florida International University, Department of Biological Sciences: Teaching Assistant/Ecology Instructor

- Conservation Biology, Population & Community Ecology, and Statistics

Graduate Committees Served

Master's Thesis Committee Chair:

- Niki Ragan – current

Master's Thesis Committee Member:

- Samantha Martin - current
- Vanessa Brashear – current
- Claire Randell - current
- Kaitlen P. Gary – current

Students Mentored & Advised

Sam Houston State University

2012-present

- Jorge Cantu and Ryan Erickson (Undergraduate – BIO 4095)
Project Title: Determining how stream floodplain geomorphology impacts macrophyte diversity and biomass

2010-2011

- Christopher Kroll (Graduate), Jessica Sanchez (Graduate) and David Leggett (Undergraduate)
Project Title: Using Invertebrates as Indicators of Biological Integrity in Aquatic Habitats Across the Sanctuary Lake Landscape -- University of Pittsburgh's Pymatuning Lab of Ecology
- Christopher Rahwles (Undergraduate – BIO 4095)
Project Title: A Food Web Oriented Approach to Determine the Ecological Stoichiometry of Harmon Creek
- Kaitlen Gary (Graduate – BIO 5095)
Project Title: Production of Algal Mats in the Harmon Creek Watershed

Texas A&M University

2007-2009

- Matthew Driffill (M.S.), Calvin Lui (Ph.D.), Jenelle Hill (M.S.)

Florida International University

2005-2008

- Magaly Dacosta. (Varela High School, Miami, FL) FCE LTER Schoolyard Outreach Student
Project #1 Title: The role of algal mats in nitrogen uptake in a tropical freshwater marsh
Project #2 Title: Long-term fluxes of ¹⁵N tracer into soils and macrophytes

2005

- Kristian Seigle & Anthony Machado (Varela High School) FCE LTER Schoolyard Outreach Students

2003

- Christine Powell (undergrad). Florida International University Research Credit for Undergraduates
Project Title: Nitrogen exchange between macrophytes and soil in the Everglades marshes

2002

- Raquel Olvarretia (undergrad). Florida International University Research Credit for Undergraduates
Project Title: Grazing of periphyton mats by mosquito fish (*Gambusia holbrooki*)

Leadership & Group Management

2005-2007: Co-Founder of EcoTank – A Graduate Student Think Tank at Florida International University

- Mission: “To integrate and synthesize ecological information in the pursuit of improving both theoretical and applied ecological principles” (<http://ecotank.fiu.edu>)

2005-2006: Florida Coastal Everglades Long Term Ecological Research (FCE LTER) Program: Student Group

- FCE Student Group President & site representative to both National LTER and International LTER Networks

2005: First International LTER Graduate Student Collaborative Research Symposium, H.J. Andrews Forest, OR

- Engaged in comparative and collaborative research efforts with scientists from China, Mongolia, South Africa, Austria, the Czech Republic, Brazil, Mexico and Sweden

2003-2006: Florida Coastal Everglades Long Term Ecological Research Program: Student Outreach and Education

- Schoolyard Outreach Program: Graduate Student Leader & Elementary Education Volunteer

2003-2005: 11th and 12th Annual Florida Ecological and Evolutionary Symposium. Lake Placid, FL

- Meeting Chair and Principle Organizer of statewide science symposium

Invited Speaker

2012 Louisiana State University, School of the Coast and Environment, Understanding hydrologic connectivity and its role in regulating coastal ecosystems

2011 American Association of Petroleum Geologists Annual Meeting, Special Session: The Deepwater Horizon/Macondo Well Oil Spill — Understanding the Impact. “The Importance of Time and Space: Understanding the Ecological Impacts of the Macondo Spill”

2010 Texas Parks and Wildlife Division, Analytical Laboratory. “Water analysis at the Center for Biological Field Studies with interests surrounding nutrient loading.”

2010 Pymatuning Laboratory of Ecology, McKinley Seminar. “Using invertebrates as indicators of biological integrity in aquatic habitats across the Sanctuary Lake Landscape.”

2009 Coastal and Estuarine Research Federation, 20th Biennial Conference. Portland, OR. *In*: High Resolution Spatial Sampling of Aquatic Systems in Real Time; Workshop. “River Inflow Effects on Spatial and Temporal Patterns of Water Quality in San Antonio and Galveston Bays.”

2008 University of Houston, Department of Biology and Biochemistry. “How Micro-topography and Water Residence Time Affect Food Sources for the Endangered Whooping Crane”

2008 Texas A&M University Galveston, Department of Marine Biology. Spring Seminar Series. “Linking Hydrology and Macrophyte Dynamics to Whooping Crane Fitness at the Aransas National Wildlife Refuge, TX.”

2007 Texas A&M University, Ecology and Evolutionary Biology Seminar. “The Role of Freshwater Marshes in the Transformation and Export of Nitrogen to Downstream Coastal Estuaries.”

2007 Allegheny College, Department of Biology. “From Allegheny to the Everglades: The Importance of Water and Nutrients in Shaping Ecosystem Structure and Function.”

2006 Mote Marine Laboratory: Summer Seminar Series. “Understanding the Canal-Marsh Interface: The Movement of Freshwater and Nitrogen in the Southern Everglades.”

2005 University of the Virgin Islands on St. Thomas, U.S.V.I. “The Florida Everglades: Past, Present, and Future.”

2005 Royal Caribbean Cruise Lines. Visiting Scientist aboard the *Explorer of the Seas*. “Humans and the Everglades: Too Close for Comfort?”

2003 Everglades National Park. “An Overview of the Geology and Soils of Everglades National Park.”

Selected Professional Presentations {Additional presentations available upon request}

*Designates student presentations (^U undergraduate and ^G graduate student)

- *2013 ^GRagan N, ^GBogrand A, ^UBorne EG, ^GPearman K, Smith E and Wozniak J. Landscape level patterns in saltmarsh pond salinity at Aransas National Wildlife Refuge. Texas Academy of Science Meeting, Kerrville, TX. *Oral Presentation*
- *2013 ^GPearman K, ^GBogrand A, ^UBorne EG, ^GPearman K, ^GRagan N, Smith E and Wozniak J. *In situ* salinity effects on the Carolina wolfberry (*Lycium carolinianum*). TAS Kerrville, TX. *Oral Presentation*
- *2013 ^GRagan N and Wozniak JR. Saltmarsh pond classification and fish community dynamics at the Aransas National Wildlife Refuge. Texas Chapter of the American Fisheries Society, Conroe, TX. *Poster Presentation*
- *2012 ^GPearman K, ^GBogrand A, ^UBorne EG, ^GRagan N, Smith E and Wozniak J. Landscape Level Patterns in Saltmarsh Pond Salinity and the Effects of Whooping Crane Behavior and Territory Selection. Texas Bays and Estuaries Meeting, Port Aransas, TX. *Oral Presentation*
- *2012 ^GRagan N, ^GBogrand A, ^UBorne EG, ^GPearman K, ^GRagan N, Smith E and Wozniak J. The Effects of Exceptional Drought and Increased Saltmarsh Salinity on Carolina wolfberry (*Lycium carolinianum*). Texas Bays and Estuaries Meeting, Port Aransas, TX. *Oral Presentation*
- 2011 The effects of exceptional drought conditions on estuarine inflow patterns and coastal marsh salinity in the Guadalupe/San Antonio basin, Texas. 21st Biennial Conference of the Coastal and Estuarine Research Federation. *Poster*
- *2011 ^GKroll CW, ^GSanchez JL, ^ULeggett D and Wozniak JR. Using experimental exclosures to determine the ecosystem impacts of common carp (*Cyprinus carpio*). Texas Academy of Sciences Meeting, Austin, TX. *Poster*
- *2011 ^GSanchez JL, ^GKroll CW, ^ULeggett D and Wozniak JR. Using benthic invertebrate abundance to determine the efficacy of wetland management practices. Texas Academy of Sciences Meeting, Austin, TX. *Poster*
- *2010 ^URahwles C, Wozniak, J.R. and Deaton PR. Using ecological stoichiometry to examine food web structure in an oligotrophic stream. Southwestern Association of Naturalists. Junction, Texas. *Oral Presentation*
- 2010 Initiating a long-term water quality monitoring network at a biological field station preliminary finding and plans for the future. Southwestern Association of Naturalists. Junction, Texas. *Oral Presentation*
- 2010 Estuarine inflow patterns and the effects on Carolina Wolfberry (*Lycium carolinianum*) fruit abundance: Insights into coastal marsh habitat quality. Freshwater Inflows: 2010 and Beyond. Corpus Christi, Texas. *Oral Presentation*
- 2008 Understanding the movement and transformation of nitrogen in the Southern Everglades. Greater Everglades Ecosystem Restoration Conference. Naples, Florida *Oral Presentation*
- 2008 Synthesizing four years of water quality and vegetation data from the estuarine marshes of the Aransas National Wildlife Refuge, TX. The Exploration of Estuarine Linkages Symposium, Texas Academy of Science Annual Meeting. Corpus Christi, Texas. *Oral Presentation*
- 2007 Influence of Salinity and Inundation on Growth and Distribution of Carolina Wolfberry (*Lycium carolinianum*): A Synthesis of Experimental and Field Observations. Annual Society of Wetland Scientists Meeting, Sacramento, CA. *Oral Presentation*
- 2007 Using Stable Isotopes to Assess Food Web Dynamics in the Coastal Marshes of the Aransas Nation Wildlife Refuge, TX. Estuarine Research Federation 19th Biennial Conference, Providence, Rhode Island. *Oral Presentation*
- 2006 Florida Coastal Everglades LTER Student Organization: Framework and Collaborations for the Future. LTER All Scientists Meeting, Estes Park, Colorado. *Poster*
- 2006 Using Stable Isotope Techniques to Understand N Dynamics Along the Canal-Marsh Interface in the Southern Everglades. 2006 LTER All Scientists Meeting, Estes Park, Colorado. *Poster*
- 2006 The Effects of Canal-borne Nitrogen on the Near-canal Marshes of the Southern Everglades. 12th Annual Florida Ecological and Evolutionary Symposium. Lake Placid Florida. *Oral Presentation*
- 2006 Isotopic Values for Southern Everglades Marshes: C and N Natural Abundance Study. FCE LTER All Scientists Meeting, Fairchild Tropical Botanic Garden, Coral Gables, Florida. *Poster*
- 2005 Marsh Ecosystem Nitrogen Dynamics in the C-111 Basin and Taylor Slough. Florida Bay and Adjacent Marine Systems Conference, Duck Key, Florida. *Oral Presentation*
- 2005 Follow the Bouncing ¹⁵N Tracer: Creating N-Budgets for Southern Everglades Marshes. Estuarine Research Federation 18th Biennial Conference, Norfolk, Virginia. *Oral Presentation*

- 2005** Evaluation of Ecosystem Processes to Analyze Landscape Management Boundaries. ESA Annual Meeting, Montreal, Canada. *Oral Presentation*
- 2005** Florida Coastal Everglades LTER Site Overview Presentation. First Annual LTER Graduate Student Collaborative Research Symposium. H.J. Andrews Experimental Forest, Oregon. *Oral Presentation*
- 2005** Developing a Graduate Student Think Tank Framework: “to enhance ecological understanding through a collective intellect.” First Annual LTER Graduate Student Collaborative Research Symposium. H.J. Andrews Experimental Forest, Oregon. *Poster*
- 2005** Ecosystem-based Management Graduate Distributed Seminar. Florida Coastal Everglades LTER All Scientist Meeting. *Poster*
- 2005** Florida Coastal Everglades - Ecosystem Based Management Working Group. National Center for Ecological Analysis and Synthesis. Santa Barbara, California. *Oral Presentation*
- 2005** Characteristics of the Nitrogen Cycle in Southern Everglades Marshes: ^{15}N Tracer and Natural Abundance Experiments. Florida International University Dept. of Biology Annual Symposium. Fairchild Tropical Garden, Miami, Florida. *Poster*
- 2004** Nitrogen Cycle in Freshwater Marshes of the Southern Everglades. Florida Coastal Everglades LTER All Scientists Meeting. *Poster*
- 2003** Quantifying the Nitrogen Cycle in Freshwater Marshes of the Southern Everglades Using *In Situ* Mesocosms and Natural Abundances. LTER All Scientists Meeting. Seattle, Washington. *Poster*
- 2003** The effects of wetland location and permanence on nutrient composition of detritus from subalpine and eastern deciduous wetlands. 24th Annual Society of Wetland Scientist, New Orleans, Louisiana. *Oral Presentation*
- 2003** Determining sample methodology and analysis in a ^{15}N tracer addition mesocosm experiment. 24th Annual Society of Wetland Scientist, New Orleans, Louisiana. *Poster*
- 2003** Characteristics of the Nitrogen Cycle in Southern Everglades Marshes: ^{15}N Tracer and Natural Abundance Experiments. American Geophysical Union Fall Meeting, San Francisco, California. *Poster*
- 2002** Preliminary data analysis of ^{15}N natural abundances and proposed research in a ^{15}N tracer addition experiment. 10th Annual Florida Ecological and Evolutionary Symposium, Lake Placid, Florida. *Oral Presentation*

Awards & Funding Received

Assistant Professor at SHSU:

- 2013 Enhancing Career Opportunities – Integrated Mathematic Program for Analyzing Coastal Systems (ECO-IMPACS): Pilot Program. National Science Foundation. Co-PI (\$15,382)
- 2013 Using Academic Community Engagement in Environmental Science Classes. Sam Houston State University ACE Program Research Grant. PI (\$1000)
- 2012 *Investigating the Role of Hydrological Connectivity in Coastal Ecosystems*. Sam Houston State University, Enhancement Research Grant. PI (\$15,000)

Research Fellow at TRIES:

- 2011 Linking Whooping Crane Behavior, Environmental Drivers and Territory Plasticity. The Waterbird Society, Kushlan Grant. Lead PI (\$7,000).
- 2011 Evaluation of factors affecting food abundance and time-activity budgets of whooping crane at Aransas National Wildlife Refuge. Co-PI (\$250,000.00; *grant awarded however funding withheld*)
- 2010 Using invertebrates as indicators of biological integrity in aquatic habitats across the Sanctuary Lake Landscape. Lead PI (\$26,614.56).
- 2009 Verifying the Low Environmental Impact of the Southeast Texas Applied Forensic Science Facility Through an Intensive, Long-Term Water Quality Monitoring Project. Lead PI (\$15,168.68)

Ph.D. Dissertation

- 2005 Student Travel Award - Estuarine Research Federation (\$250)
- 2005 NCEAS Ecosystem Based Management Follow-up Proposal. Boundary Working Group Funding (\$1700)
- 2005 Florida International University Dept. of Biology Symposium Best Ph.D. Poster Presentation (\$100)
- 2003 Student Travel Award - Society of Wetland Scientist (\$500)

Graduate Groups and Organizations

- 2006 LTER Student Symposium Proposal II: Network Funding Received for Symposium & Travel. In collaboration with multiple LTER sites (~\$20,000)
- 2006-2012 FCE Student Group Budget from LTER Network Office (\$6000 over 6yrs)

Undergraduate

- 1996, 1999, 2000 Allegheny College Alden Scholar
- 1999 Rocky Mountain Biological Laboratory Academic Scholarship (\$2,800)
- 1999 James E. Meadowcroft Scholarship (\$500)
- 1999 Morten J. Luvaas Scholarship (\$640)

In the News

Public Broadcast System: PBS Houston 8

- “Houston8”- Hosted by Ernie Manouse
- Served as an expert on Gulf of Mexico ecosystems, ecology and the effects of the BP Deepwater Horizon Spill
 - Program #1 (June 18th, 2010): “Gulf Coast Oil Spill: The Oil Still Flows”
 - Program #2 (July 1st, 2010): “Gulf Coast Oil Spill: Day 74”
 - Program #3 (July 16th, 2010): “Gulf Coast Oil Spill: Day 88”
 - Program #4 (July 28th, 2010): “Houston8 Special: BLOWOUT”
- Weblink to view: www.shsu.edu/~jrw034/PBSHouston8OilSpill.htm

Sam Houston State University: News Article:

- “The Coast Is Clear...Or Is It?”
- Weblink to view: www.shsu.edu/~pin_www/T@S/2010/bpimplications.html

Professional Affiliations & Service

Member

- Estuarine Research Federation
- Society for Wetland Scientists
- Texas Academy of Science

Proposal Referee

- National Science Foundation
- Department of Energy SCGF
- USGS/NIWR

Journal Referee

- Aquatic Sciences
- Biogeosciences
- Biogeochemistry
- Conservation Biology
- Estuaries and Coasts
- Estuarine, Coastal and Shelf Science
- Journal of Coastal Research
- Journal of Ecological Engineering
- Journal of Environmental Management
- Journal of Environmental Quality
- Journal of Soils and Sediments
- Southeastern Naturalist
- Herpetologica
- Water Research
- Wetlands