

# Kara Zimmerer Coffey

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## EDUCATION

2020	M.S., Environmental Science Emphasis: Social and environmental impacts	Texas A&M University- Corpus Christi
2016	B.S., Wildlife and Fisheries Sciences	Texas A&M University

## PROFESSIONAL EXPERIENCE

Nov 2022- present	<i>Project Coordinator II for Community Resilience Group</i> , Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi.
Feb 2021- present	<i>Project Coordinator II for Texas OneGulf RESTORE Center of Excellence</i> , Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi.
Feb 2021- Nov 2022	<i>Project Coordinator II for Socio-Economics Group</i> , Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi.
Dec 2016- Feb 2021	<i>Research Associate for Socio-Economics Group</i> , Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi. <ul style="list-style-type: none"><li>• Managed multiple simultaneous projects</li><li>• Designs, plans, conducts and coordinates experiments in support of various research projects</li><li>• Evaluates, selects, and applies standard techniques of routine research; keep detailed records of data</li><li>• Uses computers or technical equipment to perform data analysis and technical evaluation of research experiments and results</li><li>• Works alongside coastal resource managers and decision-makers, community stakeholders, restoration practitioners, economists, researchers, various agencies, including federal, state, and NGOs</li><li>• Organizes various workshops, including planning, budgeting, leading, hosting, facilitating, and development of materials</li><li>• Coordinates with vendors and others</li><li>• Assists in writing and development of project reports, milestones, budgetary updates, and the change in management process</li><li>• Assists in writing and submission of proposals to funding agencies</li><li>• Maintains and monitors financial accounts related to research projects and group</li><li>• Mentors and supervises undergraduate and graduate students</li><li>• Manages staff and student schedules and work logs</li></ul>

- Maintains research group's social media accounts
- Project and database management for [www.BlueValue.org](http://www.BlueValue.org)
- Co-managing editor, contributor, and author for [www.bluevalue.blog](http://www.bluevalue.blog)

- Oct 2016- Dec 2016     *Research Assistant for Socio-Economics Group*, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi.
- Managed specific tasks related to the grants of the Socio-Economics research group; including gathering and analyzing data and working on various databases/websites
  - Conducted research and assist with writing of reports
  - Kept track of events, presentations, workshops, etc. the members of Socio-Economics Group participate in and post information on social media and website
- May 2016- Aug 2016     *Youth Crew Leader*, Texas Conservation Corps, American Youthworks, AmeriCorps.
- Co-led a crew of six members to complete conservation projects on public lands
  - Led projects including trail maintenance, habitat restoration, invasive species removal, and a variety of public land improvement projects
  - Taught members about conservation, habitat restoration, and leadership development

## RESEARCH AREAS

Ecosystem Services, Harmful Algal Blooms, Socio-Behavioral-Cultural-Economic Indicators of the Gulf of Mexico region, Community Resilience, Knowledge Co-Production

## JOURNAL PUBLICATIONS

Tominack SA, Coffey KZ, Yoskowitz D, Sutton G, Wetz MS (2020) An assessment of trends in the frequency and duration of *Karenia brevis* red tide blooms on the South Texas coast (western Gulf of Mexico). PLoS ONE 15(9): e0239309. <https://doi.org/10.1371/journal.pone.0239309>

## BOOK CHAPTERS

Court C., Hodges A.W., Coffey K., Ainsworth C.H., Yoskowitz D. (2019) Effects of the Deepwater Horizon Oil Spill on Human Communities: Catch and Economic Impacts. In: Murawski S. et al. (eds) Deep Oil Spills. Springer, Cham

## REPORTS

Hale, C.; Coffey, K.; Laplace, D.; & Yoskowitz, D. (2021). U.S. Virgin Islands Ecosystem Services Approach to Support Hazard Mitigation and Resilience Planning. Harte Research Institute for Gulf of Mexico Studies. Report prepared for USVI Hazard Mitigation and Resilience Plan. [Available online.](#)

Olander, L., C. Shepard, H. Tallis, C. Shepard, D. Yoskowitz, K. Coffey, C. Hale, R. Karasik, S. Mason, K. Warnell. (2021). GEMS Phase II Report: Coastal Restoration. NI R 21-05. Durham, NC: Duke University. [Available online.](#)

Olander, L., D. Yoskowitz, H. Tallis, C. Shepard, K. Warnell, S. Mason, K. Coffey, C. Hale, R. Karasik,

L. Williams, K. Wowk. (2020). GEMS Phase I Report: Oyster Reef Restoration. NI R 20-01. Durham, NC: Duke University. [Available online](#).

Yoskowitz, D., L.H. Williams, V.C. Ramenzoni, D. Del Angel, **K. Coffey** (2019). Socio-Behavioral-Economic Observing System Indicators for Coastal Community Sustainability. 46 pages. Harte Research Institute for Gulf of Mexico Studies. Texas A&M University-Corpus Christi. [Available online](#).

## GRANTS AND CONTRACTS

2023-2024 Co-Principal Investigator. Composite Red Tide Vulnerability Index (CRTVI): Assessing and communicating vulnerability of coastal communities to red tide in Florida. Florida Fish and Wildlife Conservation Commission. Christa Court (Project Director), Kevin Ash (co-PI), Lisa Krinsky (co-PI), Angie Lindsey (co-PI), Andrew Ropicki (co-PI), Ricky Telg (co-PI) - \$44,702 (\$295,303.90 total budget).

## ABSTRACTS AND PRESENTATIONS

**Coffey, K.** BlueValue. University of Florida: EIAP Team Meeting. June 20, 2022.

Yoskowitz, D., **Coffey, K.**, Hale, C., Lee, W. BlueValue. Gulf of Mexico Conference (GOMCON). Tools Cafe. April 26, 2022.

Yoskowitz, D., **Coffey, K.**, Hale, C., Williams, L.H, McColly, Q., Rush, G., Carcamo, Y., and M. Young. BlueValue: SEG Lab Tour. HRI Research Staff Coffee Chatter Lab Tour series. November 20, 2020.

Yoskowitz, D., **Coffey, K.**, Hale, C., Williams, L.H, McColly, Q., Rush, G., Carcamo, Y., and M. Young. BlueValue: One Ecosystem. Connecting the World. Gulf of Mexico Alliance Virtual Tools Café. September 29, 2020.

Harris, C., Conkey, A., **Coffey, K.**, and N. Poulson. Coastal Bend Children in Nature. Oso Bay Wetlands Preserve and Learning Center Eco-Expert Virtual Seminar. May 28, 2020.

Yoskowitz, D., Wowk, K., **Coffey, K.**, Sempier, T., and M. Daigle. Coastal Community Resilience Index: Updates and New Enhancements. Ecosystem Services Indicators for Community Resilience. Gulf of Mexico Alliance Wednesday Webinar. January 29, 2020.

**Coffey, K.**, C. Hale, R. Karasik, S. Mason, L. Olander, C. Shepard, H. Tallis, K. Warnell, L. Williams, K. Wowk and D. Yoskowitz. Ecosystem Service Logic Models and Metrics for Gulf Restoration: Linking Project Outcomes to Economic, Health and Wellbeing Benefits for People. Poster presented at: Coastal & Estuarine Research Federation. Mobile, USA. November 6, 2019.

Yoskowitz, D., Wowk, K., **Coffey, K.**, Sempier, T., and N. Pace. Coastal Community Resilience Index (CRI) Updates and Enhancements. Gulf of Mexico Alliance All Hands Meeting. Ecosystem Services Cross-Team Initiative. Gulf Shores, AL, USA. June 13, 2019.

**Coffey, K.**, J. Hamilton, L.M. Hutchison, S. Mason, L. Olander, C. Shepard, H. Tallis, K. Warnell, K. Wowk and D. Yoskowitz. Ecosystem Service Logic Models and Metrics for Gulf Restoration: Linking Project Outcomes to Economic, Health and Wellbeing Benefits for People. Poster presented at: Gulf Estuarine Research Society. Galveston, TX, USA. November 8, 2018.

Yoskowitz, D., Hutchison, L.M., Ramenzoni, V., Wowk, K., **Coffey, K.**, and D. Del Angel. Socio-

Economic Observing System. Interactive poster presented at: National Estuarine Research Reserve System/Association Annual Meeting. Corpus Christi, TX, USA. November 13, 2017.

## **WORKSHOPS ORGANIZED**

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|---------------------|--|
| Dec 5 & 6, 2022     | Community Resilience Group Workshop Retreat. Texas State Aquarium. Corpus Christi, TX.   |
| May 19, 2022        | Texas OneGulf Workshop Series: TONE Integration for OneGulf Solutions: Diverse Researchers & End-Users: Match-making. Hosted by Texas OneGulf. Virtual via Zoom. |
| May 12, 2022        | Freshwater inflow stakeholder workshop #2. Hosted by Harte Research Institute. Virtual via Microsoft Teams and Mural.  |
| April 25, 2022      | Human Benefits of Nature: Annual Meeting. Hosted by Gulf of Mexico Alliance Human Benefits of Nature. Gulf of Mexico Conference. Baton Rouge, LA.                |
| April 7, 2022       | Texas OneGulf Workshop Series: TONE Integration for OneGulf Solutions: Interdisciplinary Research 101. Hosted by Texas OneGulf. Virtual via Zoom.                |
| February 24, 2022   | Workshop on social-cultural-economic and human value of water. Hosted by Harte Research Institute. Victoria, Texas   |
| July 9 2021         | Planning for a Resilient VI: Ecosystem services virtual workshop: St. Croix  |
| July 7 2021         | Planning for a Resilient VI: Ecosystem services virtual workshop: St. John   |
| July 6 2021         | Planning for a Resilient VI: Ecosystem services virtual workshop: St. Thomas   |
| May 25 2021         | Gulf of Mexico Ecosystem Services Logic Models and Socio-Economic Indicators: General Overview Virtual Workshop Webinar.   |
| April 29-May 3 2021 | Gulf of Mexico Ecosystem Services Logic Models and Socio-Economic Indicators: Planning, Monitoring, and Funding Virtual Workshop Webinar Series.                 |
| January 19 2021     | Socio-Economics Group Workshop Retreat. Texas State Aquarium. Corpus Christi, TX.  |
| July 7-10 2020      | Gulf of Mexico Ecosystem Services Logic Models and Socio-Economic Indicators: Health and Economic Outcomes Virtual Workshop Series.                              |
| March 3-4 2020      | Gulf of Mexico Ecosystem Services Logic Models and Socio-Economic Indicators: Water Quality Regional Workshop. Houston, TX.                                      |
| December 4 2019     | Socio-Economics Group Workshop Retreat. Welder Wildlife Refuge. Sinton, TX.  |
| April 23-24 2019    | Gulf of Mexico Ecosystem Services Logic Models and Socio-Economic Indicators: Oyster Restoration Regional Workshop. Houston, TX.                                 |
| December 19 2018    | Socio-Economics Group and Staff Workshop Retreat. Oso Bay Wetlands   |

Preserve and Learning Center. Corpus Christi, TX.

- Oct – Nov 2018 Gulf of Mexico Ecosystem Services Logic Models and Socio-Economic Indicators: Oyster Restoration Workshop. Charlotte Harbor, FL, Ocean Springs, MS, Mobile, AL, New Orleans, LA, Galveston, TX.
- June 13 2018 Incorporating Ecosystem Services and Socio-Behavioral-Economic Indicators into the Coastal Community Resilience Index. Hosted at GOMA All Hands 2018 meeting. St. Petersburg, FL.
- May 15-16 2018 Socio-Economic Indicators Workshop II. Hosted by Harte Research Institute. Corpus Christi, TX.
- April 10 2018 Gulf of Mexico Ecosystem Services Logic Models and Socio-Economic Indicators: Advisory Council Meeting. New Orleans, LA.
- December 8 2017 Socio-Economics Group Workshop Retreat. Welder Wildlife Refuge. Sinton, TX.
- May 18 2017 Socio-Economic Indicators Workshop. Hosted by Harte Research Institute. Corpus Christi, TX.

#### **WORKSHOPS ATTENDED**

- December 6 2022 Regional Resiliency Partnership (RRP) Retreat. Hosted by RRP. Corpus Christi, TX.
- Sept 16&20 2021 Coastal Bend Ecosystem Health Report Card Collaboration Workshop. Hosted by Harte Research Institute and University of Maryland Center for Environmental Science. Zoom Virtual Meeting
- December 6-7 2019 Texas Children in Nature Summit and Champions Luncheon. Hosted by Texas Children in Nature. Corpus Christi, TX.
- September 24 2019 COMPASS: Science Communication Workshop. Hosted by Harte Research Institute. Corpus Christi, TX.
- January 23-24 2018 ArcGIS Story Mapping Workshop. Hosted by Mission-Aransas National Estuarine Research Reserve. Corpus Christi, TX.
- October 24-25 2017 Planning and Facilitating Collaborative Meetings Workshop. Hosted by Mission-Aransas National Estuarine Research Reserve. Corpus Christi, TX.

#### **PROFESSIONAL SOCIETY MEMBERSHIPS**

- 2020 – present Co-chair, Human Benefits of Nature, Gulf of Mexico Alliance Coordination Team
- 2022 - present Member, Coastal Bend Children in Nature, Texas Children in Nature
- 2019 – 2022 Secretary, Coastal Bend Children in Nature, Texas Children in Nature
- 2019 – present Member, Coastal & Estuarine Research Federation
- 2018 – present Member, Gulf Estuarine Research Society

#### **CERTIFICATIONS, SKILLS, AND TRAININGS**

- Project and database management for [www.BlueValue.org](http://www.BlueValue.org)
- Co-managing editor, contributor, and author for [www.bluevalue.blog](http://www.bluevalue.blog)
- Organizes various workshops and meetings, including planning, budgeting, leading, hosting, facilitating, and development of materials
- Proficient in ArcGIS, Microsoft Office suite, Adobe Creative Cloud suite, R statistical software, Lucidchart, Mural, Social media platforms including Facebook, Twitter, Instagram, LinkedIn, WordPress, and LinkTree
- Certifications - CPR, First Aid, ROV, PADI Open Water Dive SCUBA Certification, Coastal Community Resilience Index Facilitator, DISC Training