

Christine Settar Hale
christine.hale@tamucc.edu

Education

Master of Science, Marine and Environmental Science, May 2009, University of the Virgin Islands (UVI), Saint Thomas, U.S. Virgin Islands

Bachelor of Science, Marine Biology, December 2002, Millersville University, Millersville, Pennsylvania

Employment

- Program Manager, Community Resilience Group, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, November 2022 – current
- Director, Regional Resilience Partnership, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, October 2023 – current
- Deputy Director, Texas OneGulf Center of Excellence, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, September 2021- August 2024
- Program Manager, Socio-Economics Group, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, September 2019 – November 2022
- Senior Research Associate and Oil Spill Science Extension Specialist, Texas Sea Grant College Program, August 2014 – September 2019
- Extension Specialist II and Stewardship Coordinator, NOAA Sea Grant College Program, University of the Virgin Islands and University of Puerto Rico, October 2009 –January 2013
- Instructor, Introductory Biology Lab, University of the Virgin Islands, August 2007 – May 2009
- Biologist, Normandeau Associates Inc., November 2005 – August 2007

Seasonal & Short-Term Appointments

- Consultant, Virgin Islands Marine Advisory Service, Sea Grant Marine Outreach Program, June – August 2009
- Graduate Research, Natural Resource Management track, “Coral Reefs and Residents of the U.S. Virgin Islands: A Relationship of Knowledge, Outdoor Activities and Stewardship”, UVI, August 2007 – May 2009
- Research Assistant “Coral-Algal-Herbivore Project” funded by U.S.G.S., May – August 2008
- Research Technician III UNCW/NOAA Coral reproduction studies, Key Largo, FL, July – September 2006
- Dolphin Tracker, *T. truncatus* habitat and behavior research, Marlborough Sounds, New Zealand, July – September 2005
- Science Intern, Perry Institute for Marine Science, Bahamas, April – June 2005
- Diving Intern, P.A.D.I., Mermaids Dive Shop & School, Pattaya, Thailand, October – December 2004
- Research Assistant, Coral reef health studies, Roatan, Honduras, July 2003
- Marine Mammal Program Intern, National Aquarium in Baltimore, MD, September. – Dec. 2002
- Technician, Fish ladder studies, Kleinschmidt Energy, Three Mile Island, PA, May – July 2002
- Student Supervisor, Ganser Library, Millersville University 1999-2002

Synergistic Activities & Products

- Evaluation and Co-production Lead, [Texas OneGulf Center of Excellence](#)
- Co-Production Manager, Colony Island Network Design and Implementation ([CINDI](#)), waterbird colony restoration prioritization tool
- Co-Developer, Gulf of Mexico Ecosystem Service Logic Models & Socio-economic Indicators ([GEMS](#)) restoration planning, monitoring, and outcomes evaluation tool
- Manager, Regional Resilience Partnership
- Co-Developer and Engagement Lead, Geospatial Resilient Economic Development ([GeoRED](#)) planning tool
- Lead for U.S. Virgin Islands Ecosystem Services Approach to Support Hazard Mitigation and Resiliency Planning
- Lead, Co-Production of a Water Flow Decision Tool to Support Resource Management, NOAA RESTORE Science Program
- Chair, National Academies-Gulf Research Program Collaborative Project: [Regional priority setting for health, social, and economic disruption from spills](#)
- Co-Developer, [BlueValue](#) webtool, a searchable database of coastal and marine ecosystem valuations
- Outreach Officer, Texas Children in Nature Network-Coastal Bend Chapter
- Editor-In- Chief, Blue Value [Blog](#)
- Member, Research Steering Committee, Harte Research Institute for Gulf of Mexico Studies
- Member, Human Benefits of Nature Priority Issue Team, Gulf of Mexico Alliance
- Member, Coastal Bend Alliance for Sustainable Stormwater
- Member, NOAA Coordination Forum
- Member, Centers of Excellence Regional Planning Group

Job related training & achievements

- Collaborative Institutional Training Initiative (CITI) certified in Social and Behavioral Research
- Institutional Review Board training
- National Sea Grant College Program: Sea Grant Academy (2015)
- Recipient, Sea Grant Superior Outreach Program Award (2018)
- PADI Divemaster
- AAUS and NOAA certified dive training
- U.S. Coast Guard Safe Boat Handling certification
- NOAA trained Facilitator
- PADI Divemaster

Professional Publications

Hale, C., Lozada, C., & Del Angel, D. (2024). Beach Use Analysis to Support Beach Use Management. Task 5 Final Report to the Texas General Land Office.

Lozada, C., **Hale, C.**, and Picariello, L. (2024). Bridging Texas shrimpers and Texas shrimping policy. *Oceanography* 37(1):104–105, <https://doi.org/10.5670/oceanog.2024.232>.

Olander, L., Warnell, K., Mason, S., Karasik, R., Tallis, H., Coffey, K., **Hale, C.** ... & Yoskowitz, D. (2024). Advancing consistent socio-economic monitoring of coastal ecosystem restoration through collaborative metric development. *Communications Earth & Environment*, 5(1), 537.

Hale, C., D. DelAngel and C. Lozada. (2023). Socio-economic monitoring recommendations for the Calcasieu Lake oyster reef restoration project. Report to The Nature Conservancy. Harte Research Institute for Gulf of Mexico Studies.

Hale, C., D. DelAngel and C. Lozada. (2023). Socio-economic monitoring recommendations for Beezley Reef restoration project. Report to The Nature Conservancy. Harte Research Institute for Gulf of Mexico Studies.

Hale, C. Geospatial Resilient Economic Development (GeoRED) Final Report to U.S. Economic Development Administration. (2023).

Del Angel, D., **C. Hale**, K. Wowk. 2023. Engaging Communities to Design Nature-based Solutions to Mitigate Climate-related Hazards in Refugio County, Texas. Final Report to National Wildlife Federation.

Del Angel, D., **Hale, C.**, Wowk, K. (2022). Mapping Flood Hazards and Vulnerability in the Coastal Bend. Report to the Coastal Bend Council of Governments.

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.

Solo-Gabriele, H. M., Fiddaman, T., Mauritzen, C., Ainsworth, C., Abramson, D. M., **Hale, C.** ... & Yoskowitz, D. (2021). Towards integrated modeling of the long-term impacts of oil spills. *Marine policy*, 131, 104554.

Sandifer P., Knapp L., Lichtveld M., Manley R., Abramson D., Caffey R., Cochran D., Collier T., Ebi K., Engel L., Farrington J., Finucane M., **Hale C.**...& Singer B (2020). Framework for a Community Health Observing System for the Gulf of Mexico Region: Preparing for Future Disasters. *Front. Public Health* 8:578463. doi: 10.3389/fpubh.2020.578463

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.

Hale, C., Covi, M., Holen, D., Partyka, M., Schulhof, M., Sempier, S., & Skelton, T. (2019). Regional priority-setting to minimize health, social, and economic disruptions from oil spills: A summary report as part of the National Academies and Sea Grant collaborative workshop series. GOMSG-W-19-002.

Hale, C., Maung-Douglass, E., Partyka, M., Sempier, S., Skelton, T, and Swann, L. (2019). Prioritizing oil spill preparedness and human health: A Western Gulf regional workshop as part of the National Academies and Sea Grant collaborative workshop series. GOMSG-W-18-001.

Maung-Douglass, E., **Hale, C.**, Partyka, M., Sempier, S., Skelton, T., Swann, L., and Wilson, M. (2020). Oil on the water: Insights into oil spill response. GOMSG-G-20-004

Wilson, M., **Hale, C.**, Maung-Douglass, E., Partyka, M., Sempier, S., Skelton, T., & Swann, L. (2019). Impacts of oil on mangroves. GOMSG-G-19-010.

Wilson, M., **Hale, C.**, Maung-Douglass, E., Sempier, S., Skelton, T., and Swann, L. (2019). In the air and on the water: Technology used to investigate oil spills. GOMSG-G-19-007.

Partyka, M., **Hale, C.**, Maung-Douglass, E., Sempier, S., and Skelton, T. (2019). Preparing for oil spills in the eastern Gulf: A regional workshop report from the National Academies and Sea Grant collaborative workshop series, held May 6–7 in Mobile and Bayou La Batre, Alabama. GOMSG-W-19-001.

Maung-Douglass, E., Graham, L., **Hale, C.**, Sempier, S., Skelton, T., Swann, L., and Wilson, M. (2019). Frequently asked questions: Dispersants edition. GOMSG-G-19-001.

Maung-Douglass, E., Graham, L., **Hale, C.**, Sempier, S., Skelton, T., Swann, L., and Wilson, M. (2019). Birds of a feather - Coping with Oil. GOMSG-G-18-005.

Skelton, T., **Hale, C.**, Maung-Douglass, E., Partyka, M., Sempier, S., and Wilson, M. (2018). Oil spill outreach workshop presentation tips: A guide to effectively sharing science with Sea Grant audiences. GOMSG-H-18-001.

Hale, C., Graham, L., Maung-Douglass, E., Sempier, S., Skelton, T., Swann, L., Wilson, M. (2018). Oysters & Oil Spills. GOMSG-G-18-010.

Hale, C., Graham, L., Maung-Douglass, E., Sempier, S., Skelton, T., Swann, L., and Wilson, M. (2017). Oil spill science: Sea turtles and the Deepwater Horizon oil spill. TAMU-SG-17-501.

Hale, C., Graham, L., Maung-Douglass, E., Sempier, S., Skelton, T., Swann, L., and Wilson, M. (2017). Oil spill science: Corals and oil spills. TAMU-SG-17-501.

Hale, C., Graham, L., Maung-Douglass, E., Sempier, S., Skelton, T., Swann, L., and Wilson, M. (2017). Helping oiled wildlife. TAMU-SG-18-513.

Hale, C., Graham, L., Maung-Douglass, E., Sempier, S., Swann, L., and Wilson, M. (2015). Oil Spill Science: Fisheries Landings and Disasters in the Gulf of Mexico. TAMU-SG-15-504.

Hale, C., Graham, L., Maung-Douglass, E., Sempier, S., Swann, L., and Wilson, M. (2015). Oil Spill Science: Impacts from the Deepwater Horizon Oil Spill on Gulf of Mexico Fisheries. TAMU-SG-16-502.

Hale, C., Graham, L., Maung-Douglass, E., Sempier, S., Swann, L., and Wilson, M. (2015). Oil Spill Science: Skin lesions in fish: a connection to Deepwater Horizon? TAMU-SG-16-501

Settar, C. (Ed.) (2011). Waves of Change: A Resource for Environmental Issues in the U.S. Virgin Islands. University of the Virgin Islands(UVI) Center for Marine and Environmental Studies, Virgin Islands Marine Advisory Service.

Settar, C., and Turner, T. (2010). Coral reefs and residents of the US Virgin Islands: A relationship of knowledge, outdoor activities, and stewardship. *Revista de Biología Tropical*, 58, 197-212.