

Christina Simoniello, Ph.D.
Texas A&M University Research Scientist/GCOOS Outreach and Education Manager
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Professional Preparation

- University of South Florida, St. Petersburg, FL, Ph.D. Biological Oceanography, 2003
- FL International Univ, Miami, B.S., Biological Sciences & Certificate in Marine Science, 1988
- National Sea Grant Academy, Academy 1: Athelstan Spilhaus Session, VA and FL, 2005

Experience and Appointments

2020-present, National Academies Gulf Research Program Board on Gulf Education and Engagement

2017-present, City of St. Petersburg Local Mitigation Strategies Committee

2016-present, Chair, City of St. Pete Community Rating System Program for Public Information

2016-2017, NOAA Climate Steward

2015-present, Member Texas One-Gulf Center of Excellence

2014-present, Research Scientist, Texas A&M University, Department of Oceanography

2011-2014, U.S. liaison to Mexico UN Industrial Development Organization LME Program

2008-present, Manager, GoM Coastal Ocean Observing System Outreach and Education

2008-present, Steering Committee, Past Chair, US IOOS Assoc. Outreach & Educ Committee

2008-present, Steering Committee, Past Chair, GoM Alliance Educ & Engagement PIT

2007-2011, U.S. Liaison to Indonesia, NOAA Res. Office of Intern. Activities, Sea Partnership Program

2004-2008, Regional Coordinator, SE Atlantic Coastal Ocean Observing System, University of Florida Sea Grant College Program

1997-2003, Research Associate, USF College of Marine Science (J. Torres/deep-sea ecology)

1994-1997, Research Assistant, USF College of Marine Science (G. Vargo/phytoplankton ecology)

1989-1994, Biologist, AK Fish and Wildlife/National Biological Survey, Seasonal, Exxon-Valdez-related

1988-1994, Chemist, Drinking Water Res Center, FIU

Funded Projects: Primary Investigator or Co-Investigator receiving more than \$40M from state, federal and private foundations.

Relevant Publications

Staugler, E.A., **Simoniello, C.**, and Monaghan, P. 2021. Insights from Natural Resources and Public Health Professionals on Key Elements of Red Tide Messaging and Modes of Communication. Gainesville, FL. Florida Sea Grant College Program. SGR-144.

Staugler, E.A., **Simoniello, C.**, and Monaghan, P. 2021. Insights from Tourism, Media, Small Business, Hospitality Industry, and Public Information Officer Professionals on Key Elements of Red Tide Messaging and Modes of Communication. Gainesville, FL. FL Sea Grant College Program. SGR-145.

Staugler, E.A., **Simoniello, C.**, and Monaghan, P. 2021. Insights from the Public on Key Elements of Red Tide Messaging & Modes of Communication. Gainesville, FL. FL Sea Grant College Program. SGR-146.

Krimsky, L.S., Staugler, E.A., **Simoniello, C.**, Montes, N., Monaghan, P., and Hecker, F. 2021. Development of a Red Tide Communications Plan for Florida: Final Report. Gainesville, FL. Florida Sea Grant College Program. SGR-148.

Simoniello, C., Jencks, J., Lauro, F.M., Loftis, J.D., Weslawski, J.M., Deja, K., Forrest, D.R., Gossett, S., Jeffries, T.C., Jensen, R.M., Kobara, S., Nolan, L., Ostrowski, M., Pounds, D., Roseman, G., Basco, O., Gosselin, S., Reed, A., Wills, P., and Wyatt, D. 2019. Citizen-Science for the Future: Advisory Case Studies from Around the Globe. *Front. Mar. Sci.*, 07 May 2019 | <https://doi.org/10.3389/fmars.2019.00225>

Simoniello, C. and S. Watson. 2018. STEM Education in Gulf Coast Schools: Strengths, Weaknesses, Opportunities, and Threats for our Culturally, Racially and Economically Diverse Community. *MTS Journal*, Vol 52 (1): pp 54-65

Kobara, S., **Simoniello, C.**, Mullins-Perry, R., Jochens, A.E., Howard, M.K., Watson, S., and Howden, S. 2016. Ch. 16: Near Real-time Oceanic Glider Mission Viewers. In: *Earth Solutions, Ocean Solutions*, 2nd edition. Dawn Wright (ed.). ESRI Press, California. ISBN- 10: 1589484606, ISBN-13: 978-1589484603

Currier, R., B. Kirkpatrick, **C. Simoniello**, and J. Bickford (2016). iTAG: Developing a cloud based, collaborative animal tracking network in the Gulf of Mexico. Proceedings MTS/IEEE Oceans 15, Washington DC.

Simoniello, C., S. Watson, B. Kirkpatrick, M. Spranger, A.E. Jochens, S. Kobara, and M.K. Howard. 2015. One System, many societal benefits: building an efficient, cost-effective ocean observing system for the Gulf of Mexico. 490 pages. In Y. Liu, H. Kerkering, and R. Weisberg, eds. Coastal Ocean Observing System Advances and Syntheses. Elsevier- Academic Press.

Kobara, S., **Simoniello, C.**, Mullins-Perry, R., Jochens, A.E., Howard, M.K., Watson, S., and Howden, S. 2015. Ch. 16: Near Real-time Oceanic Glider Mission Viewers. In: *Earth Solutions, Ocean Solutions*, 1st edition. Dawn Wright (ed.). ESRI Press, California. ISBN- 10: 1589483634, ISBN-13: 978-1589483637

Simoniello, C., A.E. Jochens, M.K. Howard, J. Swaykos, D.R. Levin, D. Stone, B. Kirkpatrick, and S. Kobara. 2011. Making sense of ocean sensing: The Gulf of Mexico Coastal Ocean Observing System links observations to applications. SPIE paper 8029A-43, In Proceedings of SPIE Volume 8030. Ocean Sensing and Monitoring III, Sensing for Industry, Environment, and Health, SPIE Defense, Security, and Sensing 2011 Conference, 25 - 29 April 2011, Orlando, Florida.

Simoniello, C., P. Tissot, D. McKee, J. Adams, R. Ball and R. Butler. 2010. A Cooperative Approach to Resource Management: Texas Gamefish Win. Marine Technology Society Journal. Vol. 44, No. 5, Fall 2010

Simoniello, C., J. Swaykos, R. Swett, J. Kastler, J. O'Connell, A. Jochens, M. Spranger, and, S. Walker. 2009. Enhancing the Gulf of Mexico Coastal Ocean Observing System Regional Association: Activities of the GCOOS Education and Outreach Council. Proceedings of the MTS-IEEE Conference Oceans'2009, Biloxi, MS, October 2009.
Just Add Water: lessons developed for educators and STEM festivals: <https://gcoos.org/resources/for-educators/>

Honors: EPA Gulf Guardian Awards 2011 (GCOOS Data Portal/Partnerships Category), 2013 (Are You An Eco Hero/Civic/Non-Profit Category), 2015 (Utag for iTAG/Youth Environmental Education Category), 2017 (Gulf Citizen Science Data Portal/Partnerships Category) and 2019 (Individual Category); Pinellas Education Foundation Business Partner of the Yr Finalist, 2018; NOPP Excellence in Partnering award (MBON), 2016; Antarctica Service Medal, 2005; NSF GK-12 Fellow, 2003; USF College of Marine Science Parrot Head Fellow, 2002

