

**Thomas K. Frazer**  
**Professor and Dean**

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**Biographical Information**

**Education**

- 1995 Ph.D., University of California Santa Barbara, Biological Sciences  
1990 M.S., University of Florida, Fisheries and Aquatic Sciences  
1986 B.S., Humboldt State University, Marine Fisheries (cum laude)

**Professional Experience**

- 2020-present Professor and Dean, College of Marine Science, University of South Florida  
2021-present Executive Director, Florida Flood Hub for Applied Research and Innovation  
2019-2021 Chief Science Officer, State of Florida  
2015-2016 Acting Director, University of Florida Water Institute, Univ. of Florida  
2012-2020 Director, School of Natural Resources and Environment, Univ. of Florida  
2010-2020 Professor, School of Forest Resources and Conservation, Univ. of Florida  
2008-2012 Associate Director, School of Forest Resources and Conservation, Univ. of Florida  
2008-2012 Program Leader, Fisheries and Aquatic Sciences Program, Univ. of Florida  
2008 Associate Chair, Department of Fisheries and Aquatic Sciences, Univ. of Florida  
2007-2010 Research Foundation Professor, Univ. of Florida  
2004-2009 Associate Professor, Department of Fisheries and Aquatic Sciences, Univ. of Florida  
1998-2004 Assistant Professor, Department of Fisheries and Aquatic Sciences, Univ. of Florida  
1996-1998 Research Assistant Professor, Dept. of Fisheries and Aquatic Sciences, Univ. of Florida

**Recent Publications - Selected**

- 2026 Hyman, A.C., C. Ramsay, T. Cross, B. Sauls and T.K. Frazer. 2026. Leveraging statistical models to improve pre-season forecasting and in-season management of a recreational fishery. *North American Journal of Fisheries Management* 46(1):222-236 [<https://doi.org/10.1093/najfmt/vqaf100>]
- Xue, C., J.P. Cannizzaro, C. Hu, B.B. Barnes, Y. Xie, L. Qi, C. Armstrong, Z. Chen, C.A. Jacoby and T.K. Frazer. 2026. Contrasting spatial and temporal patterns in chlorophyll-a and turbidity in Lake Okeechobee: A satellite perspective. *Ecological Indicators* 183:114697 [<https://doi.org/10.1016/j.ecolind.2026.114697>]
- 2025 Grimmelbein, L.J., S. Barry, S.N. Casebolt, K. Cummings, A.C. Hyman, T.K. Frazer and M. Kowalewski. 2025. Mollusk shell assemblages as a historical tool for identifying unaltered seagrass beds. *Marine Ecology Progress Series* 760:71-86 [<https://doi.org/10.3354/meps14839>]
- Smulders, F.E.O, et al. 2025. Temperature drives seagrass recovery across the Western North Atlantic. *Global Change Biology* 31: e70172 [<https://doi.org/10.1111/gcb.70172>]
- 2024 Liu, Y., R.H. Weisberg, L. Zheng, Y. Sun, J. Chen, J. Law, C. Hu, J.P. Cannizzaro and T.K. Frazer. 2024. A tracer model nowcast/forecast study of the Tampa Bay, Piney Point effluent plume: rapid response to an environmental hazard. *Marine Pollution Bulletin* 198:115840 [<https://doi.org/10.1016/j.marpolbul.2023.115840>]

## **Grants and Contracts - Current**

Oceanographic instrumentation to enable improve forecasting of hurricanes, storm surge, harmful algal blooms and other natural hazards. 2026-2027, \$1,500,000, National Oceanographic and Atmospheric Administration, T. Frazer

Acquisition of a fully instrumented offshore buoy station to enable improved forecasting of harmful algal blooms and water levels. 2026, \$660,000, Florida Department of Environmental Protection, T.K. Frazer and Y. Liu

Using Mobile Phone Tracking to Quantify Recreational Fishing Effort. 2026-2027, \$440,608, Gulf States Marine Fisheries Commission, C. Ramsay, A.C. Hyman, E. Corbett, A. Griffin, J. Huber, G. McClair, L. Barbieri, and T.K. Frazer

Determining congruence between discard rates from at-sea observer discards and dockside interviews in the Gulf of America For-Hire recreational fleet. 2026, \$96,879, Gulf States Marine Fisheries Commission. A.C. Hyman and T.K. Frazer

Simulations to compute boundary conditions for a statewide regional climate model. 2025-2028, \$355,318, Florida Department of Transportation, T. Frazer and V. Misra

Atmosphere-ocean simulations to compute boundary conditions for a statewide regional climate model. 2024-2027, \$150,000, South Florida Water Management District, T. Frazer

Florida Flood Hub for Applied Research and Innovation. 2025-2026, \$5,500,000, Florida Department of Environmental Protection, T. Frazer

2025 QL1 Palm Beach County LiDAR Acquisition. 2025-2026, \$431,000, Palm Beach County, T. Frazer

Coastal Resilience Data Visualization Center. 2025-2026, \$963,000, National Oceanographic and Atmospheric Administration, T. Frazer and S. Murawski

Marine Fisheries Assessment. 2024-2029, \$3,627,260, Florida Fish and Wildlife Conservation Commission, T. Frazer (Amended 2025, \$3,377,413)

## **Professional Service Activities - Current**

### ***University of South Florida***

- Search Committee, USF Vice-President for Research (2025 – present)
- USF Leadership Council (2021 – present)
- USF Council of College Deans (2020 – present)
- Data Analytics Advisory Committee, (2023 – present)
- Environmental and Oceanographic Sciences Facility Planning Committee (2023 – present)

### ***External to the University of South Florida***

- Scientific and Statistical Committee, Gulf of Mexico Fishery Management Council (2025 – present)
- Executive Committee, Florida Institute of Oceanography (2020 – present)
- Advisory Board, St. Petersburg Innovation District (2020 – present)
- Steering Committee, Marine Resource Educational Program (2025 – present)
- Florida Environmental Regulation Commission (Gubernatorial appointment with Senate confirmation 2021-2023; 2024-2026)
- Advisory Board, Bonefish & Tarpon Trust (2022 – present)
- Advisory Board, St. Petersburg Maritime and Defense Technology Hub (2021-present)

SECOORA Members' and Member Representatives'  
Annual Conflict of Interest Statement

Name: Thomas K. Frazer

Title / Position: Professor and Dean

Employer: University of South Florida

**NOTE: As of January 2019, anyone who wishes to be a member of the SECOORA board shall be ineligible to receive or apply for SECOORA funding for science and/or educational-outreach investigations, other than reimbursement for travel for acting on behalf of SECOORA, effective July 1, 2019.**

I affirm the following, on behalf of myself and the Member I represent:

- I have received a copy of the SECOORA Conflicts of Interest Policy. TF  
(initial)
- I have read and understand the policy. TF (initial)
- I and the Member institution I represent agree to comply with the policy.  
TF (initial)
- I have disclosed all Disclosable Interests that existed on or before the date of this statement. TF (initial)

**Disclosures:**

1. Do you or the Member you represent, directly or indirectly, through personal, business, investment, family or domestic partner, have:
  - a. An ownership or investment interest in any entity with which SECOORA has a transaction or arrangement? If yes, explain: NO
  - b. A compensation arrangement with SECOORA or with any entity or individual with which SECOORA has a transaction or arrangement (including employment)? If yes, explain: NO
  - c. A potential ownership or investment interest in, or compensation arrangement with, any entity or individual with which SECOORA contemplates negotiating a transaction or arrangement? If yes, explain: NO

- d. Involvement in any project sponsored or supported by SECOORA, including but not limited to:
- (1) applying for, or preparing any proposal for, any award or contract from SECOORA, on behalf of yourself or any organization with which you are affiliated; and
  - (2) evaluating any application or proposal with respect to which any organization with which you are affiliated has submitted, or is considering submitting, to SECOORA?

If yes, explain: NO

- e. Involvement on behalf of any entity in the preparation of any proposal, bid or application for any contract or grant in competition with SECOORA?

If yes, explain: NO

2. Does your institution hold a subcontract or cooperative agreement directly from SECOORA? If yes, please describe: NO

3. Does your institution hold a subcontract or cooperative agreement from another institution that has a subcontract or cooperative agreement from SECOORA? If yes, please describe: If yes, please describe: NO

4. Do you hold any professional, business or volunteer positions or responsibilities that could give rise to conflicts of interest with your positions as a SECOORA member? If yes, please describe: YES (see below)

Signature: Thomas L. Jager

Date: 13 March 2026

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Faculty within the College of Marine Science at the University of South Florida regularly submit research proposals to SECOORA. I am the supervisor of those faculty. I am not an investigator on any SECOORA project.