

EDUCATION

- Texas A & M University, College Station, Texas. Ph.D. in Oceanography, 2004
- University of Ottawa, Ottawa, Ontario. M.Sc. in Earth Sciences (Groundwater Geochemistry), 1999
- University of Ottawa, Ottawa, Ontario. B.Sc. (Hon.) in Chemistry, 1995

AREAS OF EXCELLENCE

- Strong communication, coordination and leadership skills.
- Expert in conducting regulatory compliance requirements (e.g., Endangered Species Act (ESA) Section 7 and National Environmental Policy Act (NEPA) on consultations for NOAA Projects.
- Leading and coordinating across-NOAA teams and non-governmental organizations
- Expert in ArcGIS Pro and implementing Python into ArcGIS Pro for HMS Mapping efforts.
- SAS and MATLAB coding and analysis of environment data.
- Education and Outreach
- Photography
- Translation and presentation NOAA materials in Spanish and/or French.

PROFESSIONAL HISTORY

08/2021-Present NOAA Regional Navigation Manager for Florida, Puerto Rico, and U.S. Virgin Islands

NOS Office of Coast Survey, 1315 E-W Highway, Silver Spring, MD 20910

- Provide a focal point for NOAA coastal partner interaction at the regional, state, and local levels while serving as the senior agency official and topical expert for navigation services issues related to national and regional for NOAA Navigation Services and other coastal and ocean programs for Florida, Puerto Rico, and the U.S. Virgin Islands.
- Collaborate with stakeholders, and serve as the primary liaison to the NOAA Navigation Services Division, other NOAA navigation managers, coastal managers, planners, educators, scientists, and other partners ensuring office goals align with broader agency goals.
- Process, analyze, and interpret scientific, oceanographic, or hydrographic survey data using common industry software from both NOAA and non-NOAA sources for nautical chart products to adhere to appropriate chart policy and resolve nautical charting inquiries and discrepancies related to the NOAA nautical chart suite.
- Produce a variety of reporting products to present and visualize results from analysis of NOAA and non-NOAA data sources including cartographic, hydrographic, satellite derived, and Light Detection and Ranging (LiDAR) products, charts, graphs, and related reports using Geographic Information System (GIS) software.

08/2016-08/2021 Fishery Management Specialist

NMFS Atlantic HMS Management Division, 263 13th Ave S., Saint Petersburg, FL 33701

- Assisted in the drafting to support of the Magnuson–Stevens Fishery Conservation and Management Act (MSFC-MA) (i.e. Atlantic HMS fishery management) amendments, draft NEPA EA/EIS for the draft/final/emergency amendment to the HMS FMP, NEPA regulatory documents (e.g., 0648-BI09X Caribbean Swordfish and Shark Retention Rule, and HMS Amendments and rulemakings (i.e., 10, 11, 12, 13, and PLL GRA Weak Hook Rule)).
- Coordinated fishery management actions, conduct outreach activities, and troubleshoot fishing industry issues with agency partners, including other NMFS offices.
- Maintained Atlantic Tournament Registration and Reporting.
- Translated and reviewed HMS Compliance Guide into Spanish and HMS Shark Award for Spanish Customer Service and Translation of HMS Dealer Compliance Guide.
- Drafted Protected Resources Consultation History, Proposed Action, and Action Area. Analyzed the ESA listed critical habitat maps to evaluate HMS PLL activity interactions.
- Reviewed NOAA and cooperative program proposals (e.g., BTRP, BREP, S-K, NFWF) and EFP/SRP regulation consideration/exemptions, potential impacts to fish mortality, consistency with previous EFPs.
- Assisted in the HMS response of the DWH GOM Trustee Implementation Group documents; analyzed the biological consequences of proposed restoration plans and associated EIS on HMS fisheries taking into consideration NEPA, ESA and other statutes.

03/2016-11/2016 Marine Habitat Restoration Policy Analyst for NOAA NMFS

Earth Resources Technology, Inc., 14401 Sweitzer Lane Suite 300, Laurel, MD 20707

- Expert in developing, implementing, and establishing priorities for multiple projects under tight time constraints. Prioritized and executed Gulf of Mexico Environmental Regulatory efforts, NEPA tracking, and SERO Directorate policy and program support (received ERT Award for Leadership and Technical Expertise to NOAA and ERT in support of the NOAA Fisheries Office of Habitat Conservation Contract ('16)).
- Supported Regional NEPA Coordinator and the NEPA program to ensure policies and programs were coordinated across activities and offices. Coordinated internal and external engagement in restoration projects and other federal actions, as well as provided technical assistance and guidance.

2013-2016 Endangered Species Act (ESA) Section 7 Consultation Biologist for NOAA NMFS

Earth Resources Technology, Inc., 14401 Sweitzer Lane Suite 300, Laurel, MD 20707

- Conducted the ESA Section (§) 7 consultations on National Response Damage Assessment (NRDA) Deepwater Horizon (DWH) restoration projects in the Gulf of Mexico for the NOAA NMFS Protected Resources Division (PRD).
 - Reviewed biological assessments and environmental reviews on proposed projects to analyze direct and indirect routes of effects to ESA species. Discussed project methods and suggested modifications to applicants and/or federal agencies and recommend approaches that would avoid altogether, minimize, or mitigate (negative) human impacts to ESA-listed species and their habitats.
 - Collaborated with external partners/stakeholders and gather and/or analyze data related to the protection or preservation of natural resources establishing a cooperative relationship with partners to promote the protection, conservation and recovery of ESA-listed species.
- Consulted on 77 Natural Resources Damage Assessment NOAA Restoration Center Deepwater Horizon Restoration Projects valued at \$563.6 million.

2005-2013 Physical Scientist/Grants-Project Manager for NOAA Ocean Exploration

2020 Company/Acentia LLC, 3130 Fairview Park Drive, Falls Church VA 22042

- Managed NOAA's OER peer-reviewed extramural grant program to maximize science impact, identify new frontiers and challenge current paradigms in biological, chemical, geological, and physical oceanography.
- Coordinated the NOAA's Ocean Exploration (OE) Program 10-year Review for the NOAA Science Advisory Board Ocean Exploration Advisory Working Group. Supervised and lead 5 team members and coordinated 10 speakers in the successful presentation of the OE Program.
- Planned conferences by determining discussion topics, identifying and inviting guest speakers and approving briefing material to ensure the goals of the conference are met. Facilitated scientific, technical or management conferences ensuring information conveyed is accurate, presenters stay on topic and address conference attendees' questions, and assist clarifying briefing material for the audience.
 - Coordinated and Chair for 8 OE Session at Ocean Sciences meeting 2005-2012

2004-2005 Dean John A. Knauss Sea Grant Marine Policy Fellow

Texas Sea Grant Program, 2700 Earl Rudder Freeway S., College Station, Texas 77845

- Assisted the Executive Director of the NOAA Science Advisory Board (SAB) by serving as the liaison between the NOAA Administrator, NOAA Head Quarters, the five NOAA Line Offices, and the NOAA Science Advisory Board.
- Coordinated and facilitated NOAA's 20th, 21st, and 22nd NOAA's Science Advisory Board meetings. Co-facilitated the Symposium on Capacity Building for the Protection and Sustainable Use of Oceans and Coasts jointly organized by the U.S. Department of State and the Ocean Studies Board of the National Academies.

LANGUAGES

- Fluent in Spanish, French

REFERENCES

- Available upon request