

# JUAN C. LEVESQUE, Ph.D.

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<http://www.linkedin.com/pub/juan-c-levesque/1b/249/717> | <https://juan-c-levesque.jimdo.com/>

**OBJECTIVE:** Natural Resource Management and Environmental Research

**CAREER SUMMARY:** *Senior Environmental Scientist and Project Manager*

- US Citizen; Registered with Selected Service; Certified AFS Fisheries Professional with 25+ Years' Experience in Environmental Science and Marine Resource Management with Non-Profit, Business, and State and Federal Governments.
- Applied Field Research and Data Analyses Experience in Fish Life-History, Fish Population Dynamics, Commercial and Recreational Fisheries, Sharks, Protected Species (Fish, Sea Turtles, and Marine Mammals), and Marine Habitats.
- Experience with Project Management, Supervising, and Mentoring Staff.
- Experience Serving as a Principle Investigator/Chief Scientist.
- Experience Working with numerous U.S. Environmental Statutes (ESA, MMPA, MSA, NEPA, and CWA) and Federal Agencies (NOAA, USACOE, EPA, FERC, FDOT, USCG, BOEMRE, and USFWS).
- Experience Drafting ESA Section 7 Biological Opinions, NEPA Documents (EA, EIS), Technical Reports, Letters, Memos, Memorandum of Agreements, Federal Regulations, and Peer-Review Scientific Articles.
- Authored 115 documents: 1 Book, 3 Book Chapters, 63 Technical Reports, 18 Peer-Review Scientific Articles, 8 Federal Regulations, 8 Press Releases, 7 NEPA Documents, 4 Formal ESA Section 7 Biological Opinions, 4 Pending Scientific Articles, 1 Memorandum of Agreement, numerous Federal Policy Documents, 14 Popular Outdoor Activity Articles, and numerous Informal ESA Section 7 Consultations.

**EDUCATION:**

UNIVERSITY OF SOUTH FLORIDA	
Biology, B.A	August 07, 1992
NOVA SOUTHEASTERN UNIVERSITY	
Marine Biology, M.S	July 30, 2007
UNIVERSITY OF TEXAS AT ARLINGTON	
Earth and Environmental Science, Ph.D.	May 11, 2019

**SKILLS/CERTIFICATIONS:** Technical, Written, and Verbal Communication Skills, One-on-One Discussions, and Scientific Presentations; Ability to Apply and Understand Complex Scientific and Policy Principles and Fundamental Theories; Computer and Data Analytical Skills, including Word Processing, Spreadsheet, Database, Presentation, and Statistical Software; Experience Managing and Supervising Teams and Staff; Working Experience with Federal, State, and Local Natural Resource Agencies; Experience with the Primary Environmental Statutes (NEPA, ESA, MMPA, MSA, CZMA, and CWA); Experience Drafting Technical Documents; Experience using Fisheries and Oceanographic Field Equipment; Offshore Water Survival/HUET; SAFEGULF; MSHA 32-Hour; HAZWOPER 40-Hour; BP Post Emergency Spilled Oil Cleanup; NRDA Oil Spill Response; FDEP Small Water Craft Certified; PADI Rescue Diver; PADI Advanced Open Water Diver; PADI Oxygen Provider; NAUI Nitrox; PADI Open Water Diver; Red Cross First Aid/CPR; Initial Regulatory Flexibility Analysis Training; USFWS ESA Section 7 Consultation Training; NMFS NEPA-Cumulative Effects Training; NMFS NEPA-Technical Writing (EIS/EA) Training; Business Writing for Professionals Training; USDOC Basic Regulatory Draft Writing Training; USDOC COR/COTR Level II Inspector Contract Training (< \$10M); Project Management Training; Stakeholder Engagement and Assessment; Work Effectively in a Multicultural Environment; USDOC Federal Register Regulatory Writing Essentials; NMFS Overview of the Fishery Management Process/Regulatory Training; FDEP Wetland Delineation Training; *Echoview* Fishery Acoustic 40-Hour Training; and Certified *Seiche* Passive Acoustic Monitoring Operator.



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## **WORK EXPERIENCE:**

June 2013–Present

### **SENIOR CONSULTANT**

#### ***ENVIRONMENTAL RESOURCES MANAGEMENT IMPACT ASSESSMENT & PLANNING***

**Duties:** Serving as Project and Technical Manager for various NEPA, Environmental Assessment (EA), and Environmental Impact Statement (EIS) Projects Supporting Commercial Clients (i.e., Oil and Gas, Power Generation, Electrical Transmission, and Renewable Energy); Reviewing and Organizing NEPA-related Public Comments for Complex and Controversial Projects; Evaluating and Analyzing Data to Develop Recommendations and/or Solutions to Ecological Problems; Collaborating with External Partners and Clients to Complete Natural Resource Management Projects in Marine Environments; Formulating, Planning, Conducting, and Overseeing Freshwater and Marine Fisheries Research in Support of Resource Management/Impact Assessment/Ecosystem-based Management; Acting as Principle Investigator/Chief Scientist for Protected Species (Atlantic/Shortnose Sturgeon) Fisheries Bycatch Fisheries Study; Leading ESA Section 4 Recovery and Conservation Studies associated with Protected Species (Atlantic/Shortnose Sturgeon); Assist with Tagging and Collecting Biological Information on Atlantic Sturgeon; Assisting with Drafting ESA Section 4(b)(2) Report (Impact Analysis for Critical Habitat Designation for Hawaii Indo-Pacific Coral Species [NMFS Pacific Islands Regional Office]); Organize NMFS EFH Consultations; Serving as Regional Field PI Leading/Supervising a Team to Collect Samples (Influent, Effluent, Water, Biosolids, Sediment, Fish, and Benthic Invertebrates) at various Discharge Locations around the U.S (NY-CO) for a High-Profile Bioaccumulation Investigation with a Multi-million Budget; Serving as a Marine Vessel Inspector in Foreign Ports (Panama) to Satisfy Invasive Species International Standards; Evaluating the Impact of Proposed Activities on Endangered Species (Atlantic sturgeon, Freshwater Mussels); Drafting Standard Operating Procedures, Policies, or Guidelines; Responsible for Overseeing and Evaluating Contractor Task Designation and Performance; Ensuring Compliance with Contractual, Task, Schedule, and Quality Assurance; Tracking and Monitoring Project Progress to Ensure Established Deadlines are Met on Time; Evaluating Alternative Approaches to Resolve Natural Resource Management Problems; Developing Approaches to Influence Decision-making in Conserving and Protecting Aquatic Habitats and Protected Species (Marine Mammals and Sea Turtles); Providing Technical Guidance on a Variety of Complex Ecological and Marine Management Issues; Identifying Ways to Improve Program Effectiveness or Efficiency; Drafting Reports Outlining Recommendations Based Upon Scientific Studies or Surveys; Evaluating Study Methodologies; Serving as an Internal Technical Team Member (Underwater Noise and Marine Mammal Impacts, Clean Water Act 316b, Offshore Marine Resources); Providing Technical Oversight on ESA, NEPA, EFH, MSA, CZMA and other related Local, State, and Federal Regulations for a Variety of Actions/Projects; Briefing Senior Management on Program or Project Status; Ensuring Regulatory Compliance Related to Environmental Regulations (Underwater Noise and Protected Species), Laws, and Directives; Analyzing Data to Evaluate Trends or Emerging Issues Related to Natural Resources; Monitoring and Reviewing Contractor Field Operations (Remediation/Marine Cable Projects); Participating in Environmental Phase II Field Studies; Drafting Responses to Time-sensitive Correspondence; Conducting Groundwater, Soil, and Air Field Sampling; Oversee Bioremediation; Developing Expert Hearing/Testimonial Documents; Synthesizing Study Results, Reports, and Literature Reviews; Serving as Lead Subject Matter Technical Expert on Marine Communities in the Gulf of Mexico and Atlantic Coast;



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Collaborating Across Resource Specialties and Organizational Boundaries; Participate/Leading various Domestic and International Field and Desktop Projects (Panama, Nicaragua, Romania, and New Zealand); Reviewing Work Completed by Junior Staff and Monitoring the Progress to Ensure Projects are Completed on Time, Technically Sound, and within Established Protocols; Reassigning or Reprioritizing Work to Account for Changing Objectives or Needs; Developing Informational Products on Environmental Programs or Policies for Clients/General Public; Presenting Scientific Information to the Public through Diverse Media, such as Radio and Popular Magazines; Conducting Senior-level Reviews; Maintaining Client Relations; Preparing Technical Reports, Proposals, and Participating in Business Development; Tracking Budgets; Coordinating Meetings; Collaborating with Global ERM Staff; Preparing Staff Performance Reviews; Writing Scientific Articles for Publication; Giving Presentations at Professional Conferences; Assisting with Recruiting; Encouraging, Motivating, and Training Junior Staff with Career Development, Natural Resource Protection/Conservation Principles, and Scientific Field Methods; and Identifying Resource Needs (e.g. personnel, equipment, finances) for Environmental Program/Projects; Directing and Evaluating the Work of Junior Staff.

February 2012–June 2013

### **SENIOR PROJECT SCIENTIST**

*CARDNO*

*TAMPA ECOLOGICAL DIVISION*

**Duties:** Supported, Conducted, and Implemented various Natural Resource Damage Assessment (NRDA) Research and Analytical Activities associated with the Mississippi Canyon Block 252 *Deepwater Horizon* Drilling Rig Accident and Oil Spill in the Gulf of Mexico (20 April 2010); Served as a Senior Fishery Biologist on Multi-disciplinary Teams; Acted as the Technical Team Lead; Reviewed and Drafted Technical Fishery Documents related to the NRDA Process; Evaluated Hydroacoustics Data; Represented the Responsible Party on various Actions related to the NRDA Process including Identifying Restoration Requirements under the Oil Pollution Act; Developed Detailed Methods for Complex Scientific Investigations; Evaluated Data to Develop Recommendations and/or Solutions to Ecological Problems Facing a Given Habitat or Population; Collaborated with Multi-organizational (External Partners and Clients) to Complete Natural Resource Management Projects in Marine Environments; Analyzed Data to Evaluate Trends or Emerging Issues Related to Natural Resources; Tracked or Monitored Project Progress to Ensure Established Deadlines were Met on Time; Assigned work Based on Knowledge of Staff Capabilities and Program Goals; Briefed Senior Management on Program or Project Status; Drafted Responses to Time-sensitive Correspondence; Evaluated Alternative Approaches to Resolve Natural Resource Management Problems; Evaluated, Supervised, and Interpreted the Provisions of the ESA for Clients; Execution of Projects Related to the NEPA, ESA, MMPA, and CWA; Identified Resource Needs (e.g. personnel, equipment, finances) for an Environmental Program/Project; Delivered Presentations on Scientific Subject Matter to Non-technical Audiences; Identified Ways to Improve Program Effectiveness or Efficiency; Collaborated with External Stakeholders to Complete Scientific Studies or Activities for the Protection of a Species or Ecosystem; Drafted New Standard Operating Procedures, Policies, or Guidelines to Assist Staff in Carrying out Natural Resource Management/Field Duties; Responsible for Managing, Coordinating and Monitoring Multiple Contracts; Responsible for Overseeing and Evaluating Contractor Task Designation and Performance, and Ensuring Compliance with Contractual, Task and Schedule Requirements, and Quality



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Assurance; Managed Budgets; Developed Project and Field Plans for Environmental Assessments or Similar Ecological Studies; Conducted Evaluation of Deepwater Corals in the Gulf of Mexico using Photography and Video; Evaluated Studies on Coral Reef System Ecology to Identify Adaptations to their Environment and/or Potential Threats to their Health; Drafted Reports Outlining Recommendations Based Upon the Results of Scientific Studies or Surveys; Coordinated NRDA Program Activities with NMFS; Led and/or Participated in Projects that Involved Partnerships among Government Agencies, Academic Institutions, NGOs, and Private Sector Companies Related to Coastal and Marine Resource Management; Implemented various NRDA Analytical Studies; Conducted Independent Research and Data Analysis; Designed, Implemented, and Oversaw Field Studies (Fisheries and Protected Species); Conducted Fisheries and Invertebrate Field Sampling (Seines, Hoop Nets, and Kicknets); Conducted Habitat and Stream Index Condition Assessments; Assisted with Habitat Restoration Projects; Monitored the Progress of Staff to Ensure Projects were Completed on Time and within Established Protocols; Developed Networks and Alliances to Engage in Cross-functional Activities; Wrote Articles for Publication in Scientific Journals or Distribution to Peer-level Audiences at Professional Conferences; Prepared Technical Proposals and Technical Reports; Developed Informational Products on Environmental Programs or Policies for Delivery to Clients/General Public; Coordinated Work Efforts and Plans; Participated with, and Collaborated in the Planning and Coordination of Long-range Program Planning over NRDA Research Programs and Activities; Provided Technical Oversight on ESA, NEPA, EFH, MSA, CZMA and other related Local, State, and Federal Regulations for a Variety of Projects/Actions; Conducted Project and Task Oversight and Management; Collaborated Across Resource Specialties and Organizational Boundaries; Responded to Federal Proposed Rules; Represented the Firm by Taking a Leadership Role at Agency and Interagency Meetings with Federal, State, Territorial, and Commonwealth Agencies, Local Governments, Organizations, Groups, and Individuals for Purposes of Communicating and Negotiating Positions and Objectives and for Resolving Problems; Served as a Principal Contact with External Individuals, Firms, Organizations and Federal Agencies; Conducted Client Development and Interaction; Identified Resource Needs (e.g., Personnel, Funding, and Equipment); Supported Business Development Pursuits; Prepared and Gave Presentations on Technical and Policy Information as a Representative of the Firm to the Public, Professional Scientists, and Agency Staff; Represented the Firm at various Agency and Public Meetings; Provided Internal Technical Leadership (*Coastal Services Group*); Assigned Work to Staff based on Knowledge of Individual Capabilities and Program Goals; Reassigned or Reprioritized Work to Account for Changing Objectives or Needs; Directed and Evaluated the Work of Junior Staff; Trained Junior Staff with Career Development, Natural Resource Protection/Conservation Principles, and Scientific Field Methods; Assisted with Recruiting; Supervised and Inspired Junior Staff on several Water-related Projects.

May 2010–November 2011

### **SENIOR PROJECT SCIENTIST**

***CONTINENTAL SHELF ASSOCIATES, INCORPORATED***

***SCIENCE DEPARTMENT***

**Duties:** Supported, Conducted, and Implemented various Natural Resource Damage Assessment (NRDA) Research Activities associated with the Mississippi Canyon Block 252 *Deepwater Horizon* Drilling Rig Accident and Oil Spill in the Gulf of Mexico (20 April 2010); Served as the CSA Chief Scientist Aboard Multi-organizational (U.S Government and Private) Research Vessels for the MC 252



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Oil Spill; Participated in Extended Field Work associated with the *Deepwater Horizon* Incident; Served as the CSA Watch Chief Scientist; Participated in Deepwater Trawling Field Studies in the Gulf of Mexico; Assisted with Rough Sorting Deepwater Fishes; Assisted with Real-Time Oceanographic Data Interpretation (UV Florescence, DO, Salinity, Temperature, and Density) during NRDA Cooperative Research Cruises; Led and/or Participated in Projects that Involved Partnerships among Government Agencies, Academic Institutions, NGOs, and Private Sector Companies Related to Coastal and Marine Resource Management; Drafted Reports Outlining Recommendations Based Upon the Results of Scientific Studies or Surveys; Collaborated with External Stakeholders to Gather and/or Analyze Data related to the Protection or Preservation of Natural Resources; Helped Deploy and Retrieve Submersible Remotely Operated Vehicles (ROV) and Rosette Water Bottle Carousels; Served as the Lead Pilot Operating a 1-m<sup>2</sup> Multiple Opening and Closing Net and Environmental Sensing System (MOCNESS) during NRDA Cooperative Research Cruises; Served as the Vessel Navigation Scientist (Hypack); Collaborated with External Partners and Clients to Complete Natural Resource Management Projects in Marine Environments; Develop New Guidelines or Procedures to Account for Unexpected or Unique Circumstances Surrounding a Study or Project; Served as the Offshore Site Safety Coordinator (Daily Safety Briefings); Assisted with the Collection and Filtration of Water Samples associated with the *Deepwater Horizon* Incident; Assisted with Chain of Custody and Quality Assurance Procedures; Operated Winches and Equipment; Assisted and Coordinated Offshore Vessel Mobilization and Demobilization; Evaluated Potential Impacts to Natural Resources (Oil and Gas, Fiber Optic Cable) for Trinidad and Tobago; Coordinated Work Efforts and Plans; Developed Detailed Methods for Complex Scientific Investigations; Evaluated, Compiled, and Summarized Public Comments associated with NEPA Documents; Briefed Senior Management on Program or Project Status; Drafted and Reviewed Technical Reports, NEPA Documents, Proposals, Cost Estimates; Draft a Variety of Technical Reports and Correspondence to Provide Recommendations and/or Influence Decision Makers Regarding Next Steps; Wrote Articles for Publication in Scientific Journals or Distribution to Peer-level Audiences at Professional Conferences; Conducted Marketing; and Prepared Permitting Packages and/or Parts of Permitting Packages.

October 2007–May 2010

### **SENIOR FISHERY BIOLOGIST**

***GEO-MARINE, INCORPORATED***

***SUBSIDIARY OF APPLIED RESEARCH ASSOCIATES***

***MARINE SCIENCE DEPARTMENT***

**Duties:** Served as a Project Manager, Team Leader, or Principal Investigator; Conducted Marketing and Sales; Represented GMI at Scientific and Industry Trade Shows; Developed New Business Opportunities; Drafted Proposals, Statement of Works, and Cost Estimates; Improved Company Proposals and Marketing Materials; Acted as the Primary Client Contact on various Projects; Collaborated with External Stakeholders to Gather and/or Analyze Data related to the Protection or Preservation of Natural Resources; Participated on various Domestic (Hawaii, California, Chesapeake Bay, Gulf of Mexico) and International (North Sea, Baltic Sea, Mediterranean Sea, Norwegian Sea) Environmental Assessment Projects for DoD Navy; Conducted Impact Assessments to Identify the Potential Threat of Human Actions on Protected Wildlife and their Habitats; Evaluated the Impact of Activities on Anadromous Fish and Habitats; Led Essential Fish Habitat Consultation Process Project for NMFS; Tracked Project Progress to Ensure Established Deadlines were Met on





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Time; Identified Ways to Improve Program Effectiveness or Efficiency; Supervised Project Progress, Technical Performance, Analyzed Data to Evaluate Trends or Emerging Issues Related to Natural Resources; Collaborated with External Partners and Clients to Complete Natural Resource Management Projects in Marine Environments; Evaluated the Impact of a Proposed Activity on an Endangered Species; Project Accounting, Planning, Staffing, Scheduling, Budgets, Safety, and Coordination of Subcontractors and Internal Support; Performed Advanced Data Collection, and Synthesis Functions (Evaluation, Interpretation, and Integration); Evaluated Alternative Approaches to Resolve Natural Resource Management Problems; Interpreted the Provisions of the ESA for Clients; Drafted Reports Outlining Recommendations Based Upon the Results of Scientific Studies or Surveys; Provided Technical Oversight on ESA, NEPA, EFH, MSA, CZMA and other related Local, State, and Federal Regulations for a Variety of Actions/Projects; Drafted Responses to Time-sensitive Correspondence; Provided Advisory, Planning, and Reviewing Services as a Technical Specialist on Fishery and Protected Resources (Marine Mammals, Sea Turtles; Evaluated Potential Impacts to Marine Resources by various Projects (Renewable Energy; Military Activities); Identified Alternatives that would Avoid, Minimize, or Mitigate Impacts to Listed Species; Performed Environmental Impact Analyses in Support of Military Testing and Training Requirements throughout the World; Identified Resource Needs (e.g., Personnel, Funding, and Equipment) for a Project and Field Studies; Applied Quantitative and Geo-spatial Statistical Methods to Design Studies and Analyze data on Marine Communities (Alternative Energy [Offshore Wind]); Briefed Senior Management on Program or Project Status; Identified Resource Needs (e.g. personnel, equipment, finances) for an Environmental Program/Project; Assessed Potential Impacts of Wind Energy Technology and Military Activities on Fisheries and Fish Habitats; Conducted Investigations of the Status, Life History Requirements, Habitat, and Conservation/Recovery Needs for Aquatic Resources, including Protected Species; Communicated with Government, Academic, and Industry Researchers on various Research Topics, including Protected Species, Fisheries, Marine Protected Areas, and Alternative Energy Issues; Delivered Presentations on Scientific Subject Matter to Non-technical Audiences; Monitored Expenditures; Provided Technical Leadership; Mentored, Trained and Guided Junior Staff; Encouraged and Motivated Junior Staff with Career Development; Prepared and Gave Scientific Presentations to Clients and Colleagues at Scientific, or Government Meetings; Presented Results of Scientific Studies or Surveys at Professional Conferences or Meetings; Participated in Project Team, Third Party/Client, and Marketing Meetings; Reviewed, Analyzed, and Processed Scientific Data using Univariate Statistical Procedures; Ensured the Scientific and Quality Content on Projects related to Fisheries Biology; Authored numerous Marine Resource, Environmental, Biological, and Essential Fish Habitat Assessments in Support of NEPA, ESA, MMPA, CZMA, MSA and other Federal Acts; Published Technical Reports; and Wrote Articles for Publication in Scientific Journals or Distribution to Peer-level Audiences at Professional Conferences.

May 2006–November 2006

### **ENVIRONMENTAL PROJECT MANAGER** ***BIRKITT ENVIRONMENTAL SERVICES, INCORPORATED*** ***COASTAL SERVICES DIVISION***

**Duties:** Served as a Project Manager and Scientist on Complex Urban Development Projects; Supervised the Planning and Execution of Projects, Schedules, Budgets, Resource Management, and Accounting; Drafted Proposals, Technical Reports, Statement of Works, and Cost Estimates; Monitored



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Expenditures; Supervised, Mentored, and Guided Junior Staff; Encouraged Junior Staff to Conduct Training for Career Development; Directed and Evaluated the Work of Junior Staff; Conducted Impact Assessments to Identify the Potential Threat of Human Actions on Protected Wildlife and their Habitats; Developed Project and Field Plans for Environmental Assessments or Similar Ecological Studies; Coordinated with Subcontractors Tasked with Project Components; Identified Resource Needs (e.g., Personnel, Funding, and Equipment) for a Project and Field Studies; Supervised Data Management, Report Production, and Field Work; Led and/or Participated in Projects that Involved Partnerships among Government Agencies, Academic Institutions, NGOs, and Private Sector Companies Related to Coastal and Marine Resource Management; Monitored the Progress of Staff to Ensure Projects were Completed on Time and within Established Protocols; Collaborated with External Stakeholders to Complete Scientific Studies or Activities for the Protection of a Species or Ecosystem; Designed, Planned, and Scheduled Field Investigations; Provided Technical Guidance to Clients Related to Coastal Fisheries Habitat Restoration Projects; Assisted with Conducting Coastal Fisheries Habitat Restoration Projects (Seagrass); Used Scuba and Snorkel to Collect Marine Fisheries Habitat/Benthic Data; Provided Advisory, Planning, and Reviewing Services as a Technical Specialist on Environmental Issues; Ensured Consistency and Developed Field-Sampling Protocols (Seagrass/Scallops); Provided Guidance to Junior Staff on Management Approaches; Developed Technical QA/QC Process of Report Production; Approved Staff Billability; Verified and Reviewed Accounting (Invoices, Accounts Receivable, Accounts Payable, and Status Reports) and Budgets; Planned, Delegated, and Supervised Ecological Assessments, Engineering Tasks, including Benthic Habitat Characterizations (Seagrass, Oyster), Threatened and Endangered Species Literature Reviews, and Field Surveys; Assisted with Applying State of Florida Environmental Regulations; Assigned Work to Staff based on Knowledge of Individual Capabilities and Program Goals; Review Worked Completed by Junior Staff and Monitor the Progress to Ensure Projects are Completed on Time, Technically Sound, and within Established Protocols; Prepared Permitting Packages; and Assisted with Wetland Monitoring and Unified Mitigation Assessment Methodologies.

April 2003–May 2006

### **FISHERY BIOLOGIST**

***DEPARTMENT OF COMMERCE***

***NOAA/NMFS/SERO PROTECTED RESOURCES DIVISION***

**Duties:** Assisted with the Development and Implementation of Marine Mammal Conservation Management Measures through the Federal Rulemaking Process; Developed, Drafted, and Implemented Fishery Regulations and Associated NEPA Documents (EA and EIS) to Protect, Conserve, and Recover Protected Species and their Habitats; Participated on Marine Mammal Take Reduction Teams (Bottlenose Dolphin, Atlantic Large Whales, Harbor Porpoise, Pelagic Longline); Conducted Impact Assessments to Identify the Potential Threat of Human Actions on Protected Wildlife and their Habitats; Served as Liaison between Stakeholders and Constituents in the Take Reduction Team Process; Served as the Southeast Regional Office (SERO) Lead for the MMPA List of Fisheries Process and Marine Mammal Authorization Program; Analyzed and Interpreted a Variety of Scientific Study Results; Reviewed Biological Assessments Prepared by other Scientists to Evaluate their Scientific Soundness; Assisted with Developing and Implementing Management Strategies to Protect Sensitive Marine Resources; Evaluated Metrics to Measure success of Marine Resource Management Actions; Identified Alternatives that would Avoid, Minimize, or Mitigate Impacts to Listed Species; Persuaded External Stakeholders to Comply with New or Revised



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Policies; Established Cooperative Relationships with Governmental Agencies, Conservation Groups, and/or the General Public to Promote the Protection, Conservation, and Recovery of Endangered or Threatened Species; Developed Approaches to Influence Decision-making in Conserving and Protecting Aquatic Habitats; Evaluated the Impact of Activities on Anadromous Fish and Habitats; Negotiated Agreements with Partners and other Agencies, including Controversial Topics; Interpreted the Provisions of the Endangered Species Act to Apply them to Investigations and Evaluations of Human Activities; Developed Policies and/or Management Tools for Protected Research by using the Results of Research; Represented the Agency by Taking a Leadership Role at Agency and Interagency Meetings with Federal, State, Territorial, and Commonwealth Agencies, Local Governments, Organizations, Groups, and Individuals for Purposes of Communicating and Negotiating Positions and Objectives and for Resolving Problems associated with Endangered Species, Designation of Critical Habitat, and Impacts to Endangered Species and other Federal Trust Resources, such as Habitat and Marine Species; Collaborated with High Ranking Officials of Federal, State, and Territorial Agencies, Private Conservation Organizations, Corporate Officials to Negotiate Cooperative Positions and Programs for Increased Protection and Enhancement of Fish, Wildlife, and their Habitats; Presented NMFS Viewpoint and Recommendations to a Hostile or Unwilling Audience; Developed and Maintained Partnerships with a Wide Variety of Organizations; Served as the SERO Representative on the Atlantic Scientific Review Group, Atlantic Scientific Review Group, and ACCSP Bycatch Prioritization Committee (2006 Vice-Chairman); Reviewed and Edited Marine Mammal Stock Assessment Reports; Ensured the Implementation of Statutes under the ESA, MMPA, MSA, CZMA, and NEPA; Supported the Development and Implementation of ESA Section 4 Recovery Plans and Conservation Programs for Threatened and Endangered Species; Reviewed ESA Listing Petitions; Reviewed Marine Mammal Small Take Authorization; Provided Critical Reviews and Comments on Biological Portions of Federal Agency or contracted-out NEPA Documents and Recommended Actions/Procedures to Senior Staff; Drafted Briefing Statements for use by Agency Leadership on Sensitive Topics; Prepared Departmental Correspondence and Briefing Materials concerning Environmental Issues for Internal and External (Congressional Hearings) Decision Meetings, and in Response to Public or Congressional Inquiries; Reviewed, Advised, and Analyzed Federal Actions Pursuant to Sections 7, 10, and 4(d) of the ESA; Conducted Informal and Formal ESA Section 7 Consultations (Biological Opinions), EFH Reviews, NEPA, and Technical documents; Collaborated with External Organizations to Complete ESA Section 7 consultations for Endangered Species; Assisted with ESA Section 4 Recovery and Conservation Actions associated with Protected Species; Evaluated the Impact of a Proposed Activity on an Endangered Species; Served as the SERO Representative on various Federal Projects potentially Impacting Protected Species in the Southeast Region, including South Florida; Developed, Organized, and Gave Presentations at Scoping Meetings and Hearings; Drafted Briefings or Policy Recommendations for Decision-makers; Compiled and Responded to Public Comments; Drafted Solicitation or Procurement Requests; Developed Statement of Works and Task Orders; Evaluated Habitat Conservation Projects in relation to Protected Species; Reviewed, Scored, and Selected Contractors; Evaluated and Reviewed Technical Proposals for Biological Soundness and Scientific Efficacy; Negotiated Grants with Offerors; Conducted Award Briefings of Successful Offerors and Debriefings of Unsuccessful Offerors; Supervised and Monitored several Contracts (Commercial Fisheries, Recovery Plan and Take Reduction Team Liaison); Assisted with the Development of Proposed Budgets for Future Management Priorities; Reviewed, Evaluated and Scored Proposals for





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the MARFIN and Cooperative Research Grant Programs; Developed and Issued Written Guidance and Technical Instructions related to Grants and Projects; and Provided Technical Advice and Guidance on Grants Administration.

April 2002–January 2003

### **FISHERY MANAGEMENT SPECIALIST**

#### ***DEPARTMENT OF COMMERCE***

#### ***NOAA/NMFS/HIGHLY MIGRATORY SPECIES DIVISION***

**Duties:** Assisted in the Development and Monitoring of Fisheries Management Strategies involving Commercial and Recreational Fisheries for Pelagic Species (Billfish, Tuna, and Sharks); Assisted with Developing and Implementing Management Strategies to Protect Sensitive Marine Resources, including Recreational Fisheries; Contributed to the Preparation of Fishery Management Plans, Regulations, and Supporting Documents as required under Applicable Laws (NEPA, MSA, MMPA, ESA, and CZMA); Evaluated Metrics to Measure success of Marine Resource Management Actions; Developed Policies and/or Management Tools; Provided Technical Advice to Upper Management; Developed Policy and Guidelines for Agency Actions; Responsible for Developing and Maintaining Effective Working Relationships with other Individuals, Agencies, and the Public to Encourage Cooperative Regional Management Strategies; Assisted in Division Planning and Responding to Public Inquires; Worked with NMFS Scientific Staff to Obtain and Recover NMFS Historical Longline Survey Data; Served as Lead for Compiling NMFS Historical Longline Data; Performed Data Entry, Developed and Designed a Compatible Database; Reviewed and Interpreted Quantitative Shark Assessments and Technical Reports; Assisted in Resolving and Advising on Fishery Resource Issues; Prepared Technical and Policy Documents, Departmental Correspondence, and Briefing Materials (Congressional Hearings), Served as a Federal Liaison with Stakeholders and Constituents; Responded to Constituents and Represented NMFS at Public and Scientific Meetings; Drafted Briefings or Policy Recommendations for Decision-makers; Oversaw HMS Recreational Fishery Tournament Registration; Created Presentations or Reports to Influence or Inform Decision-makers with Limited Technical Knowledge about Management Approaches; Reviewed Data and Reports to Determine Appropriate Conservation Management Recommendations; Led and/or Participated in Projects that Involved Partnerships among Government Agencies, Academic Institutions, NGOs, and Private Sector Companies Related to Coastal and Marine Resource Management; Prepared Scientifically based Recommendations for Marine Recreational Fisheries Management; Served as a Technical Specialist in HMS Fisheries, Fishery Observer, and Shark Fishery Resource Issues; Initiated and Developed a Pilot Study to Assess the Recreational Swordfish Fishery in South Florida; Collected Biological, Statistical, and Economic Data on the Recreational Swordfish Fishery in South Florida; Served as a Liaison between NMFS and Recreational Anglers; and Initiated, Prepared, Submitted Proposals for Interagency Funding; and Persuaded External Stakeholders to Comply with New or Revised Policies.

February 2002–March 2002

### **FISHERY BIOLOGIST**

#### ***U.S DEPARTMENT OF COMMERCE***

#### ***NOAA/NMFS/SUSTAINABLE FISHERIES DIVISION***

**Duties:** Provided Technical and Policy Guidance for Implementing Regional Observer Programs; Reviewed National and Regional Fishery Observer Program Health and Safety Issues for the National Observer Program (NOP); Assisted in



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Facilitating Specific Regional Observer Program Safety Issues; Developed and Assisted in the Implementation of a Memorandum of Agreement between NMFS and USCG emphasizing Observer Health and Safety; Briefed Upper NMFS Management on Various Topics; Assisted with Revising Observer Health and Safety Regulations; Coordinated and Prepared Briefing Materials for Observer Program Issues; Briefed and Discussed Observer Issues with the NOP Team Leader, SF Division Chief, and AA for NMFS; and Coordinated with Regional Science Center Observer Coordinators.

October 1994–March 2003

### **FISHERY BIOLOGIST**

***U.S DEPARTMENT OF COMMERCE***

***NOAA/NMFS/SEFSC PELAGIC LONGLINE OBSERVER PROGRAM  
SUSTAINABLE FISHERIES DIVISION***

**Duties:** Conducted Offshore Fisheries Research; Served as an Experimental Field Coordinator Aboard Commercial Pelagic Longline Vessels (NMFS NED Sea Turtle Study); Assisted with the Assessment and Implementation of Experimental Gear and Projects for Reducing Protected Species Interactions; Collected Pelagic Fisheries Data aboard Domestic Commercial Longline Fishing Vessels throughout the Atlantic Ocean, Gulf of Mexico, and Caribbean; Assisted in various Biological Sampling Projects; Handled and Tagged (Satellite) Sea Turtles; Observed and Documented Commercial Fishing Gear Characteristics; Instructed and Trained Commercial Fishermen in New Gear Technology and Best Management Practices; Established Cooperative Relationships with Governmental Agencies, Conservation Groups, and/or the General Public to Promote the Protection, Conservation, and Recovery of Endangered or Threatened Species; Promoted Marine Conservation; Discussed and Explained Federal Regulations to the Fishing Industry; Persuaded External Stakeholders to Comply with New or Revised Policies; Served as a Liaison between the Federal Government and the Commercial Fishing Industry; Conducted USCG Fishing Vessel Safety Inspections; Participated in the Evaluation of a Proposed Experimental Fishery; Provided and Assisted with Observer Program Protocol; and Drafted Reports.

April 1993–April 1995

### **FISHERY BIOLOGIST**

***QUANTECH, INCORPORATED***

***NMFS/MARINE RECREATIONAL FISHERIES STATISTICS SURVEY***

**Duties:** Collected Recreational Fishing Creel Survey Data, Interviewed Recreational Anglers; Identified and Collected Biological Data on various Sport Finfish; Conducted Independent Field Work; and Served as a Liaison between the Federal Government and Recreational Anglers.

October 1992–December 1994

### **FISHERY BIOLOGIST**

***FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION***

***FLORIDA FISH AND WILDLIFE COMMISSION***

***FLORIDA MARINE RESEARCH INSTITUTE***

**Duties:** Conducted Field Research; Participated in Complex or Interdisciplinary Scientific Research Projects Involving Marine or Estuarine Ecology and Fisheries; Assisted with Setting Goals and/or Objectives for Long Term Marine or Estuarine Ecological Monitoring Programs; Participated in Implementing Monitoring Programs for Marine or Estuarine Restoration Projects; Applied Quantitative and Geo-spatial Statistical Methods to Help Design Studies and



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Analyze Data on Marine Communities; Oversaw Field Sampling Scheduling and Implementation; Served as Field Sampling Principal Investigator (Rotational); Supervised Field Staff and Planned Field Sampling Trips (Rotational); Assisted in the Deployment of Gill Nets, Trammel Nets, Otter Trawls, Block Nets, and various types of Beach Seines; Operated State of Florida Motor Vehicles and Vessels; Operated Vessels in Shallow Waters, Difficult Sea Conditions, and Remote Areas; Identified Inshore Larval, Juvenile, and Adult Fishes, Crustaceans, and Habitats; Assisted with Reviewing Coastal Fisheries Habitat Restoration Project Proposals; Assisted with Field Sampling Gear Testing; Repaired and Maintained Field Sampling Gear; Assisted with numerous Fish Movement, Hook-Mortality, Age and Growth, and Population Studies; Performed Data Entry, Data Quality Control, and Summary Data Analysis; Assisted with Natural Resource Damage Assessment (NRDA) Research Surveys associated with the Tampa Bay, Florida Oil Spill (10 August 1993); Drafted Technical Reports and Internal Proposals; and Conducted Scientific Literature Reviews.

January 1992–June 1992

### **SHARK BIOLOGIST**

#### ***MOTE MARINE LABORATORY***

#### ***SHARK BIOLOGY PROGRAM***

**Duties:** Conducted Field Research; Operated Mote Marine Laboratory Motor Vehicles and Boats; Managed Shark Field Sampling Gear; Conducted Shipboard Handling, Tagging, and Identification of Juvenile Sharks; Maintained Databases and Summary Statistics; Assisted with Experimental Field Sampling Design; Engaged in a Cooperative Bycatch Project with Commercial Gillnet Fishermen; Maintained Shark Tanks and Juvenile Sharks; and Assisted with Program Planning and Field Activities.

April 1991–September 1991

### **WETLAND BIOLOGIST**

#### ***MOTE MARINE LABORATORY***

#### ***COASTAL RESOURCES PROGRAM***

**Duties:** Conducted Field Research; Operated Mote Marine Laboratory Motor Vehicles and Boats; Assisted with Wetlands Evaluation Project; Plotted, Evaluated, and Characterized Sarasota Bay, Florida Coastal Wetlands; Applied various Mapping Techniques to Compare and Evaluate Historical and Project Data; Responsible for Data Management Tasks; Assisted with numerous Fish Studies, Sea Grass Studies Related to Coastal Fisheries Habitat Restoration; and Conducted Literature Reviews.

January 1990–September 1990

### **RESEARCH ASSISTANT**

#### ***UNIVERSITY OF SOUTH FLORIDA***

#### ***BIOLOGY DEPARTMENT***

**Duties:** Conducted Field Research; Assisted with Biological Field Work Related to Coastal Fisheries Habitat Restoration (Upper Tampa Bay-Bypass Canal); Sorted Invertebrate Samples to Family (Macro fauna); Conducted Field Sampling using various Seines, Funnel Traps, and Throw Traps; Conducted Benthic Core Sampling; Identified Inshore Fish and Benthic Species and Communities; and Drafted Quarterly Sampling Reports.



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October 1989–January 1990

### **ZOOLOGICAL TECHNICIAN**

***BUSCH GARDENS, SEAWORLD PARKS & ENTERTAINMENT  
SUBSIDIARY OF ANHEUSER-BUSCH, INCORPORATED***

**Duties:** Performed Basic Animal Care; Responsible for Developing and Delivering Formal and Informal Educational Interpretive Presentations on various Taxa; Conducted Independent Research and Development; and Responsible for Teaching, Training, and Mentoring New Staff.

September 1989–May 1990

### **BIOLOGICAL FIELD ASSISTANT**

***UNIVERSITY OF SOUTH FLORIDA  
BIOLOGY DEPARTMENT***

Graduate Student Research

**Duties:** Conducted Field Research; Assisted with a Field Project to Evaluate Mangrove Snake Biology; and Conducted Seining, Block Netting, Fish Sorting and Juvenile Fish Identification.

January 1988–July 1988

### **BIOLOGICAL SCIENTIST**

***MIAMI MARINE RESEARCH, INCORPORATED***

Department of Defense/Department of Navy

**Duties:** Conducted Field Research; Assisted with a Project to Evaluate Anti-Fouling Paints and Marine Grade Carpets; Collected Physical and Biological Data; Conducted Photography; Maintained and Repaired all Field Equipment; Identified Marine Invertebrates; and Drafted Summary Reports.

January 1987–May 1987

### **MARINE MAMMAL BIOLOGIST**

***UNIVERSITY OF MIAMI/RSMAS***

City of Miami/Miami Sea Aquarium

Sea World Project

**Duties:** Volunteered and Aided in the Filming of Captive Bottlenose Dolphins with their Calves; Collected and Recorded Marine Mammal Behavioral Data; and Conducted Still and Video Photography.

September 1986–May 1987

### **RESEARCH ASSISTANT**

***UNIVERSITY OF MIAMI/RSMAS***

Graduate Student Research

**Duties:** Conducted Field Research; Assisted with a Project to Evaluate Cormorant Biology; Performed Animal Care; Assisted with Data Collection, Data Entry, and Field Work; and Operated University of Miami Motor Vehicles and Vessels.

### **HONORS/AWARDS:**

Bucksport High School: **3.7 GPA**; National Honor Society 1985–1986; 1986 Presidential Academic Award; 1986 Bowman Ashe Scholarship Recipient University of Miami; Zeta Beta Tau Fraternity Executive Officer 1990–1991; University of South Florida: **3.0 GPA** (last 2–yrs); Nova Southeastern University: **3.3 GPA**; 2006 NOAA Bronze Medal (Voluntary service provided during FEMA post-disaster relief operations after multiple hurricane strikes in 2005); University of Texas: **4.0 GPA** (Fall 2010, Spring 2011); Overall **3.7 GPA**; ERM Star Award (2013, 2016), ERM Spot Bonus Award (2014, 2015, and 2016); ERM Technical



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Paper Recognition Award (2014, 2015, and 2016), and ERM Service Excellence Award (August 2016; December 2016).

### **AFFILIATIONS:**

American Fisheries Society; Environmental Evaluators Network; Fish Ecology Network; National Association of Environmental Professionals; Society for Conservation Biology; US Endangered Species Act Practitioners; National Resource Management Professionals; Association of Environmental Professionals; Environmental Consulting Professionals; NEPA Professionals; and The Ecological Society of America.

### **ACADEMIC CONTRIBUTIONS:**

#### ***Thesis Committee***

Kristian Rogers. Invasive Species: Evaluation of Attractants and Traps as a Potential Mitigation Method for Lionfish (*Pterois* spp) Management. 2013–2014. Master of Science Thesis. 1 August 2014. 48 pp. University of Miami. External Committee Member.

### **GRANTS/CONTRACTS:**

Fisheries Impact Assessment: Three (hoki, ling, and hake) Ecological and Economically Valuable New Zealand Commercial Fisheries. *Confidential ERM Client*. \$75,000. 2014.

Characterization and Monitoring of Ichthyoplankton in the Gulf of Mexico. Clean Water Act; Section 316b. *Confidential ERM Client*. \$420,000. 2014–2015.

Ichthyoplankton Monitoring in the Gulf of Mexico. Clean Water Act; Section 316b. *Confidential ERM Client*. \$400,000. 2014–2015.

Develop an Environmental and Development Impact Report for Potential Impacts associated with the Installation of Full Automated Water Supply System in Bucharest, Romania. *Confidential ERM Client*. \$30,000. 2014.

Environmental Field Monitoring of Wastewater Treatment Plant Effluent Discharge in Freshwater Systems throughout the U.S. *Confidential ERM Client*. \$2.5 Million. 2014–2015.

Baseline Fisheries Characterization Assessment of Source Waters in Freshwater Canal (Santee Cooper, South Carolina). Clean Water Act; Section 316b. Santee Cooper. \$85,000. 2013–2014.

Commercial Fishing Gear Modifications to Reduce Atlantic Sturgeon (*Acipenser oxyrinchus oxyrinchus*) Interactions in North Carolina and Mid-Atlantic Gillnet Fisheries. National Marine Fisheries Service. NMFS-FGQ-2013-20003634. Bycatch Reduction Engineering Program. 2013–2015. \$250,000.

Evaluation of the United States Essential Fish Habitat Consultation Process. Contract number WCI33F08SE1978. National Oceanographic Atmospheric Administration, National Marine Fisheries Service, Office of Habitat. 2008–2009. \$75,000.





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## **PUBLICATIONS:**

### ***Books***

Levesque, J.C. 2016. Captive on the High Seas: Observations of the U.S. Pelagic Longline Fishery in the Gulf of Mexico Part I, II, III. In: *Eyes on the Sea. A Look into the Fisheries Observer Profession Through Stories and Creative Works*. Editors: Davis, K.G., Quelch, G.D., and Clemens, A. <https://www.amazon.com/Eyes-Seas-Fisheries-Observer-Profession-ebook/dp/B01HG4CG2C>.

Levesque, J.C. 2008. Pelagic Sharks. Fisheries Management and Conservation: Past, Present, and Future. Nova Science Publishers, Hauppauge, New York. 135 pp.

### ***Thesis/Dissertation***

Levesque, J.C. 2019. Community Ecology and Population Dynamics of the Nearshore Marine Fauna in the Middle Atlantic Bight (USA). University of Texas at Arlington. Arlington, Texas. Doctoral Dissertation. 526 pp.

Levesque, J.C. 2007. A Comprehensive Review of the Biology and Preliminary Investigation of the Interactions with the U.S. Pelagic Longline Fishery for the Shortfin (*Isurus oxyrinchus*) and Longfin (*Isurus paucus*) Mako Sharks. Nova Southeastern University Oceanographic Center. Dania, Florida. Master of Science Thesis. 265 pp.

### ***Peer-Review Articles***

Levesque, J.C. 2019. Estimating and comparing species richness estimators: Is climate variability impacting species richness in the marine community off New Jersey? In review with *Peer-J*.

Schlicht, K., Stephens, B., and **Levesque, J.C.** 2019. Biological Characterization of the Aquatic Community in the Mississippi River: Partial Regulatory Requirements of the Clean Water Act Section 316(b) of the United States. In review with *River Research and Applications*.

Levesque, J.C. 2019. Spatio-temporal patterns of the oceanic conditions and nearshore marine community in the Mid-Atlantic Bight (New Jersey, USA). Pending Publication with *Peer-J*.

**Levesque, J.C.**, Castro, S., Bussells, C., Lamprecht, S., Morrison, J., Lamprecht, S., and Hurley, A. 2016. Compliance with the Clean Water Act 316(b) Regulations: Spatio-temporal variation in distribution and relative abundance of fish and phytoplankton in the Santee Cooper Diversion Canal; Cross, South Carolina (USA). *Slated for Marine Policy*.

Hager, C., **Levesque, J.C.**, and Dickey, J.A. 2018. Reducing interactions between Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*) and the striped bass (*Morone saxatilis*) fishery in Virginia. In review with *Journal of Fish and Wildlife Management*.

Learner, J., **Levesque, J.C.**, and McManus, L. 2017. Recreational Swordfish (*Xiphias gladius*) Fishery: Angler Practices in South Florida (USA). *Fishes 2017*, 2, 18; doi:10.3390/fishes2040018.

**Levesque, J.C.**, Hager, C., and Dickey, J.A. 2016. Commercial Fishing modifications to reduce interactions between Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*) and the southern flounder (*Paralichthys lethostigma*) fishery in North Carolina. *Peer-J*. <https://peerj.com/articles/2192/>



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Paudel, S., **Levesque, J.C.**, Saavedra, C., Pita, C., and Prabhat, P. 2015. Characterization of the Artisanal Fishery Communities in Nepal and Potential Implications for Conservation and Management of the Ganges River Dolphin (*Platanista gangetica gangetica*). *Peer J* 3:e1460 <https://doi.org/10.7287/peerj.preprints.1197v1>

Levesque, J.C. 2015. Age, Growth, and Recruitment Patters of Juvenile Ladyfish (*Elops* sp) from the East Coast of Florida (USA). *Peer J* 3:e1392; DOI 10.7717/peerj.1392.

Levesque, J.C. 2014. Age and Growth of Juvenile Ladyfish (*Elops* sp) in Tampa Bay, Florida (USA). *International Journal of Fisheries and Aquatic Studies* 2(2): 145–157.

Levesque, J.C. 2013. Capture Efficiency and Size Selectivity of Sampling Gears Targeting Ladyfish (*Elops saurus*) in Florida Waters (USA). *Wildlife Biology in Practice* (1): 14–28.

Levesque, J.C. 2013. Spatio-temporal Variation in Distribution and Relative Abundance of Mid-Atlantic Bight Fishes and Invertebrates off the Coast of New Jersey (USA). *Fisheries and Aquaculture Journal*, Vol. 2013: 20 pages, Article ID: FAJ-85.

Levesque J.C. 2013. Commercial Fishery Catch Characteristics and Population Assessment of the Shortfin Mako Shark (*Isurus oxyrinchus*) in the Western North Atlantic Ocean. *Fisheries and Aquaculture Journal*, Vol. 2013: 18 pages, Article ID: FAJ-77.

Levesque J.C. 2013. Spatial and Temporal Patterns in Abundance and Distribution of Juvenile Ladyfish (*Elops saurus*) in Florida Waters (USA). *Fisheries and Aquaculture Journal*, Vol. 2013: 22 pages, Article ID: FAJ-76.

Levesque, J.C. 2011. Commercial Fisheries in the Northwestern Gulf of Mexico: Possible Implications for Conservation Management at the Flower Garden Banks National Marine Sanctuary. *ICES Journal of Marine Science* 68 (10): 2175–2190.

Levesque, J.C., and Richardson, A. 2011. Characterization of the Recreational Fisheries Associated with the Flower Garden Banks National Marine Sanctuary (USA). *Wildlife Biology in Practice* 7 (1): 90–115.

Levesque, J.C. 2011. Is Today's Fisheries Research Driven by a Species Economic Value? A Case Study of Ladyfish (*Elops saurus*) Biology and Ecology. *Reviews in Fishery Science* 19 (2): 137–149.

Levesque, J.C. 2010. Habitat Use Patterns of Juvenile Ladyfish (*Elops saurus*) in Florida (USA) Estuaries. *Wildlife Biology in Practice* 6 (2): 39–56.

Levesque, J.C. 2010. Evolving Fisheries: Today's Bycatch is Tomorrow's Target Catch – Escolar (*Lepidocybium flavobrunneum*) Bycatch in the U.S. Pelagic Longline Fishery. *The Open Fish Science Journal* 3: 30–41.

Levesque, J.C. 2009. Characterization of the Southeastern U.S. Black Sea Bass (*Centropristis striata*) Pot Commercial Fishery and Implications for the western North Atlantic Right Whale (*Eubalaena glacialis*) Management and Policy. *Marine Policy* 33: 40–48.



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Levesque, J.C. 2009. Establishment and Closure of the Directed Florida Whiting (*Menticirrhus americanus*) Fishery and Implications for North Atlantic Right Whale (*Eubalaena glacialis*) Conservation and Management. *Marine Policy* 33: 233–247.

Levesque, J.C. 2008. International Fisheries Agreement: Review of the International Commission for the Conservation of Atlantic Tunas. Case Study: Shark Management. *Marine Policy* 32: 528–533.

Levesque, J.C., and Kerstetter, D.W. 2007. First Observations on the Re-established Southeast Florida Recreational Swordfish Tournament Fishery. *Florida Scientist* 70 (3): 284–296.

### **Technical Documents**

EIA (Environmental Impact Assessment). Paraya Development Project. Esso Exploration and Production Guyana Limited 2019. Volumes I, II, III.

A description of the Ichthyoplankton Community off Guyana. Draft Report. 2019. Confidential Report. 12 pp.

Potential Impacts on the Commercial and Recreational Fisheries Associated with Offshore Oil and Gas Activities off Tobago and Trinidad. Final Report. 2019. Confidential Report. 36 pp.

D4 Environmental Testing Final Report. 2017. Confidential Report Prepared by ERM, Libertyville, IL. Silicones, Environmental, Health, and Safety Center. Washington, DC. 1000 pp.

Suitable Freshwater Mussel Habitat in the Ohio River. 2016. Prepared by ERM, Tampa, Florida. Nucor Steel Gallatin, Ghent, Kentucky. 43 pp.

Rainey Generating Station Clean Water Act Section 316(b) 40 CFR §122.21(r)(2) through (r)(8) Application Submittals. 2015. Prepared by ERM, Charleston, South Carolina. Santee Cooper, South Carolina. 40 pp.

The Gillette Company Clean Water Act Section 316(b) 40 CFR §122.21(r)(2) through (r)(8) Application Submittals. 2015. Prepared by ERM, Charleston, South Carolina. Santee Cooper, South Carolina. 45 pp.

BASF Corporation, The Chemical Company Clean Water Act Section 316(b) 40 CFR §122.21(r)(2) through (r)(8) Application Submittals. 2015. Prepared by ERM, Charleston, South Carolina. Santee Cooper, South Carolina. 43 pp.

Levesque, J.C., Hager, C., and Dickey, J.R. 2015. Technological innovation to reduce interactions between Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*) and commercial gillnet fisheries in the southeast and mid-Atlantic region. NMFS Bycatch Reduction Engineering Program. Silver Springs, MD. 64 pp.

EIA (Environmental Impact Assessment): Multibeam Sonar Data Acquisition Survey in the Gulf of Mexico and Eastern Yucatan, Offshore Mexico. 2015. *Confidential Client*. 154 pp.



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EIA (Environmental Impact Assessment): 2D Seismic Data Acquisition Survey in the Gulf of Mexico and Eastern Yucatan, Offshore Mexico. 2015. *Confidential Client*. 174 pp.

Cross Generating Station Clean Water Act Section 316(b) 40 CFR 122.21(r)(2)(4) Source Water Physical and Baseline Biological Characterization. 2014. Prepared by ERM, Charleston, South Carolina. Santee Cooper Cross, South Carolina. 118 pp.

FIA (Fisheries Impact Assessment). 2014. New Zealand Fisheries (hoki, ling, and hake): Impact Assessment and Potential Implications associated with Commercial Activities on the Chatham Rise. Expert Testimony Prepared by ERM, Tampa, Florida. *Confidential Fisheries Organization Client*. 45 pp.

ESHIA (Environmental, Social, and Health) Impact Assessment Report. 2014. Oil and Gas. Gulf of Mexico. Prepared by ERM, Houston, Texas. *Confidential Oil and Gas Client*. 205 pp.

ESHIA (Environmental, Social, and Health Impact Assessment). 2014. Offshore Oil and Gas. Gulf of Mexico. Prepared by ERM, Houston, Texas. *Confidential Oil and Gas Client*. 325 pp.

ESHIA (Environmental, Social, and Health Impact Assessment). 2014. Offshore Oil and Gas. Gulf of Mexico. Prepared by ERM, Houston, Texas. *Confidential Oil and Gas Client*. 275 pp.

EIA (Environmental Impact Assessment). 2014. Potential Impacts associated with the Installation of an Automated Water Supply System, Bucharest, Romania. Prepared by ERM, Tampa, Florida. *Confidential Client*. 40 pp.

Characterization of the Fish Community within the vicinity of a Power Plant in South Carolina. 2013-2014. Monthly Status Reports. South Carolina. Prepared by ERM, Charleston, South Carolina. *Confidential Power/Energy Client*. 10 pp.

EIA (Environmental Impact Assessment). 2013. Grand Cayman Waste Management Facility. Prepared by Cardno ENTRIX, Vero Beach, Florida. 80 pp.

Peace River Annual Water Quality and Biological Monitoring Report: Fisheries Assessment. 2013. Prepared for Mosaic Fertilizer, LLC. Prepared by Cardno ENTRIX, Riverview, Florida. 25 pp.

Technical Comments Regarding EPA's Proposed Rule for Water Quality Standards for the State of Florida's Estuaries, Coastal Waters, and South Florida Inland Flowing Waters. 2013. Cardno ENTRIX Internal Proprietary Report. Prepared by Cardno ENTRIX, Riverview, Florida. 25 pp.

Draft Injury Assessment Report: Species Specific Report for bay anchovy (*Anchoa mitchilli*). 2012. Cardno ENTRIX. *Internal Proprietary Report*. Prepared by Cardno ENTRIX, Riverview, Florida. 40 pp.

Draft Injury Assessment Report: Species Specific Report for Atlantic croaker (*Micropogonias undulatus*). 2012. Cardno ENTRIX. *Internal Proprietary Report*. Prepared by Cardno ENTRIX, Riverview, Florida. 40 pp.



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Hydroacoustics: Planning Framework for Preliminary Data Processing and Analysis. 2012. Cardno ENTRIX. *Internal Proprietary Report*. Prepared by CARDNO Entrix, Riverview, Florida. 38 pp.

BOEM (Bureau of Ocean Energy Management). 2011. Draft Programmatic Environmental Impact Statement (PEIS) for Proposed Geological and Geophysical Activities in the Mid-Atlantic and South Atlantic Planning Areas. Volume 1. Chapter 1-8, Figures, Tables, and Keyword Index. Prepared by CSA International, Inc., Stuart, Florida. Prepared under GSA Task Order No. M11PD00013. 788 pp.

Levesque, J.C. 2011. Preliminary Review of Remediation Techniques and Technologies for Contaminated Marine Sediments. CSA International, Inc. *Internal Proprietary Report*. Stuart, Florida. 25 pp.

Levesque, J.C. 2011. Characteristics of Mid-water Trawl Gear Operations for Sampling Deep-water Oceanic Nekton. CSA International, Inc. *Internal Proprietary Report*. Stuart, Florida. 27 pp.

RCN (Rijksdienst Caribisch Nederland). 2010. Desktop Study for the St. Maarten, Saba, St. Eustatius, and St. Kitts Submarine Cable System (SSCS). Prepared by CSA International, Inc., Stuart, Florida. 65 pp.

NJDEP (New Jersey Department of Environmental Protection), Division of Science, Research & Technology (DSRT). 2010. Ocean/Wind Power Ecological Baseline Studies. Final Report. Volume IV. Fish and Fisheries. Prepared by Geo-Marine, Inc., Plano, Texas. 200 pp.

Levesque, J.C., and Richardson, A. 2009. Fisheries and Marine Protected Area Management: A Case Study of the Flower Garden Bank National Marine Sanctuary. Contract number GS10F0207J. National Oceanographic Atmospheric Administration, National Ocean Service, Flower Garden Bank National Marine Sanctuary. Prepared by Geo-Marine, Inc., Plano, Texas. 81 pp.

NJDEP (New Jersey Department of Environmental Protection), Division of Science, Research & Technology (DSRT). 2009. Ocean/Wind Power Ecological Baseline Studies. Interim Report. Prepared by Geo-Marine, Inc., Plano, Texas. 313 pp.

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