

Solutions for Offshore Wind Development

ABOUT AECOM

AECOM maintains a rich history in offshore wind development and marine-based planning, design, engineering, and construction for worldwide offshore facilities and associated onshore infrastructure.

AECOM's team fully understands the intricacies of planning and implementing large-scale infrastructure projects. This understanding enables us to integrate seamlessly with the diverse work groups or consultants necessary to develop successful projects. We consistently deliver work packages that synchronize with other activities being advanced, thereby reducing timelines and

adding efficiency. We have assembled a deep bench of offshore wind expertise and Subject Matter Experts (SME) that work across the U.S. and globally, and have provided leading wind energy consulting expertise.

AECOM is currently the Prime consultant providing technical Environmental and Engineering support to two major offshore wind development projects located off the New England Coast. Our work supports the successful implementation of energy projects through turnkey permitting, development, and engineering of more than 30,000 megawatts of wind energy.

AECOM is uniquely qualified to deliver offshore wind (OSW) environmental and engineering services including; planning, design, environmental survey, permitting, outreach and construction services by providing our clients with a single source for project development worldwide.

KEY AECOM ATTRIBUTES

- Ability to support offshore Wind development from concept to construction
- Access to full service environmental and engineering capabilities through global/nationwide network
- Local experience with national subject matter expertise

SERVICES

STUDIES & SURVEYS



- Sediment sampling & physical, chemical, & biological analysis
- Remotely Operated Vehicle (ROV) video survey & analysis
- Sediment Profile Imaging (SPI)
- Physical oceanography, hydrography, & geophysical surveys
- Water quality & conductivity, temperature, & depth (CTD)
- Marine ecology/biology
- Air & visual impact assessments
- Marine (metacocean, fisheries, benthic/biological, chemistry)
- Submerged aquatic vegetation mapping
- Avian/bat studies
- Visual assessments/viewshed analysis
- Wetland delineations
- Threatened & Endangered (T&E) species surveys
- Cultural resources surveys
- Noise/acoustics studies
- Sediment sampling & transport

ENVIRONMENTAL PERMITTING & SOCIAL IMPACT ASSESSMENT



- Site Assessment Plans (SAP)
- Construction Operation Plans (COP)
- Offshore & coastal Environmental Impact Assessments (EIAs)
- Social impact assessments (SIAs)
- Stakeholder engagement
- Oil Spill Response Plans (OSRPs)
- Coastal Zone Management (CZMs) plans
- Federal Aviation Administration (FAA) Permit
- USACE Section 10/404 Permitting
- US Fish & Wildlife Service (USFWS) Endangered Species Act (ESA), Migratory Bird Treaty Act (MBTA) & Marine Mammal Protection Act (MMPA) experience
- National Oceanic & Atmospheric Administration (NOAA) & National Marine Fisheries Service (NMFS) Fisheries Protected Species (ESA, MMPA) & Essential Fish Habitat (EFH)
- State Section 401 Water Quality Certification (WQC)
- Federal Energy Regulatory Commission (FERC)
- US Coast Guard (USCG) permits
- US Environmental Protection Act (EPA) Clean Water Act National Pollutant Discharge Elimination System (NPDES) permits
- Section Federal National Historic Preservation Act (NHPA) & State Historic Preservation Office (SHPO) (Section 106)

SUBMARINE & LAND CABLES AC & HVDC



- Engineering & due diligence services at land based points of interconnection
- Optimization & constraints analysis submarine cable routing
- Environmental permitting & assessment & engineering design
- Cable design - type & rating selection
- Subsea geological & constraints mapping/survey
- Cable technical specification development
- Undersea cable routing design support
- Cable onshore landing protection & design

ONSHORE INTERCONNECTIONS



- Direct applied experience in electric transmission, distribution, & substation projects (new construction & maintenance)
- Marine, overhead, & underground installations
- Refurbishment & reconditioning
- Substation construction & expansion
- Routing & feasibility studies
- Utility corridor siting & selection criteria
- Route reconnaissance & quantitative assessments
- Construction monitoring
- HDD design

PORTS & HARBORS – FULL SERVICE MARINE ENGINEERING



- Planning
- Economic evaluations
- Coastal & marine engineering
- Civil & structural design
- Modelling & dynamic simulation
- Maritime security
- Marine architecture
- Program & construction management
- Coordination with NOAA, USACE, USFWS, & various
- State & Regional environmental agencies & port authorities

HEAVY CIVIL CONSTRUCTION



- Constructability reviews
- Marine construction
- Pier structures
- Port facilities
- Specialty foundations
- Earthwork
- Electrical & mechanical
- Structural steel & concrete

SELECTED PROJECT EXPERIENCE

CONFIDENTIAL CLIENT - STRATEGIC SUPPORT FOR DEVELOPMENT OF OFFSHORE RENEWABLE ENERGY CREDIT (OREC) APPLICATION. AECOM supported the development of a proposal for a confidential developer for an offshore wind project in New Jersey. AECOM assisted the developer with strategy and understanding the requirements of the request for proposals for an OREC. Work included identification and coordination of inputs required to satisfy the regulatory requirements for the bid, format and structure of the bid content, technical editing, and content development. AECOM also provided environmental impact assessment, emissions and economic cost-benefit support for the bid.

ØRSTED - SOUTH FORK OFFSHORE WIND FARM, ENGINEERING AND ENVIRONMENTAL SUPPORT FOR SUBMARINE CABLE ROUTING. AECOM managed the route engineering, cable design, and onshore and offshore marine geophysical and geotechnical surveys associated with submarine cables for a 30 MW offshore wind project off RI and NY. AECOM managed and performed the environmental permitting; engineering and design of inter array, foundation design and export cable & transmission cables including biological and sediment chemistry analysis, prepared horizontal direction drill designs of the cable landfalls, developed a marine mammal monitoring and observation program, and developed survey protocols for marine geophysical surveys (onshore and offshore).

BOEM - PROGRAMMATIC ENVIRONMENTAL ASSESSMENT (EA) FOR THE MASSACHUSETTS WIND ENERGY AREA (WEA), COMMERCIAL WIND LEASE ISSUANCE AND SITE ASSESSMENT ACTIVITIES ON THE ATLANTIC OUTER CONTINENTAL SHELF (OCS) OFFSHORE MASSACHUSETTS. AECOM prepared an Environmental Assessment (EA) that analyzed environmental impacts anticipated as a result of commercial wind lease issuance in Federal waters offshore of Massachusetts, in the Massachusetts Wind Energy Area (WEA). AECOM prepared the EA and reviewed the public/ stakeholder input received by BOEM. Early in the project, AECOM, in conjunction with BOEM staff, identified the need to revise how BOEM's scenario of routine and non-routine activities and the description of site assessment and site characterization activities were presented in the EA. AECOM, in collaboration with BOEM, developed an updated approach and the resulting product was a more concise and easier to understand explanation of technical material and methodology that would be used by BOEM and the lessees to carry out the activities as part of the Proposed Action.

CAPE WIND OFFSHORE WIND FARM - BOEM. AECOM prepared a comprehensive Administrative Record (AR) for the controversial Cape Wind Energy Project. The AECOM team provided support services to BOEM to document the decision process, development of findings for the EIS, the record of decision, execution of Project Lease, and approval of the COP. Using Concordance Litigation Software, the AECOM team converted ~150,000 documents into database files, reviewed, categorized, and organized into a searchable, comprehensive database and an accompanying index. These correspondence, memoranda, reports, and other data sources were reviewed and organized to aid BOEM's decision-making. The AECOM Team used GIS and other technology tools (e.g., 3D modeling, animation, photographic simulation, video production) to create visual simulations for with and without project conditions, providing strong and defensible visual imagery to convey potential project impacts to the public.

CONFIDENTIAL CLIENT - PERMITTING AND ENGINEERING SERVICES, MASSACHUSETTS OFFSHORE WIND PROJECT. AECOM is the Prime consultant leading environmental permitting support activities for a major offshore wind developer off the coast of Massachusetts. AECOM is supported by a team of consultants that are providing a variety of support services that are being incorporated into the Federal and State Permitting process. The AECOM team is responsible for all environmental permitting which includes the development of the Site Assessment Plans (SAP), Construction Operation Plans (COP) as well as key federal, state and local permits, approvals and consultations. To support the development of the SAP, AECOM and its subcontractor developed and submitted an Incidental Harassment Application for the take of marine mammals. In addition to the development of the SAP and COP, AECOM is currently supporting the client with developing the ESIA, supporting applications for Power Purchase agreements, performing environmental and engineering due diligence at possible interconnection points, developing visual impact assessments and fisheries economics studies. This project includes major coordination and communication with federal (NMFS, USFWS, EPA, and BOEM) and state agencies.

CONFIDENTIAL CLIENT - PERMITTING SERVICES, MASSACHUSETTS/RHODE ISLAND OFFSHORE WIND PROJECT. AECOM is leading the development and execution of technical studies and permitting in support of a confidential offshore wind project in the Massachusetts/Rhode Island Wind Development Area. AECOM's role as the prime contractor includes the advancement of the Construction and Operations Plan (COP) and is leading federal, state and local permitting for both onshore and offshore facilities. AECOM is providing support for strategic client-led stakeholder outreach and engagement services. AECOM's offshore wind subject matter experts are providing technical services including; bats, visual impact, benthic infauna and seafloor characterization, finfish, shellfish, water quality, air quality/emissions, seagrass, military activity, designated protected areas, and in-air acoustics. To support the advancement of the COP, AECOM's benthic biologists have designed a multiyear benthic survey program and are performing the laboratory analysis including taxonomy of benthic infauna samples and analysis of seafloor video. AECOM is also providing oversight and management of subcontractor completed surveys and studies, including electro-magnetic field (EMF) and underwater acoustic.

BOEM OREP AND BSEE. AECOM performed six recent offshore wind projects for BOEM OREP and Bureau of Safety and Environmental Enforcement (BSEE):

- Programmatic Environmental Assessment (EA) for the Massachusetts Wind Energy Area (WEA)
- Programmatic EA for the New York WEA
- Benefits Analysis for offshore wind to improve the BOEM NEPA process for offshore wind
- OCS Interactive Registry of Archaeological Surveys to track all wind development areas on the Atlantic OCS as the agency's primary tool for OCS compliance studies and reviews
- Renewable Energy View-shed Analysis and Visual Simulations for the New York OCS Planning Area to provide BOEM with a spatially accurate and realistic visual simulation for an offshore wind energy facility on the OCS offshore of Long Island
- Biological Assessment (BA) for the offshore wind lease areas of Massachusetts
- Development of a quantitative method for the evaluation of the relative environmental sensitivity and productivity of the OCS



STAFF EXPERIENCE MATRIX

PERSONNEL	TITLE	OSW/BOEM SAP / COP	OSW Marine Studies / Survey	OSW Interconnect Siting	State & Federal Permitting	T-Line Siting / Permitting	GIS and Mapping	Onshore Wind / Solar Studies	Subsea Cables	NEPA / IAP	ESA, MMPA, EFH	Sediment / Water Quality	Physical Oceanography	Marine Biological Resources	Ecological Mitigation and Restoration	Marine Field Surveys	Wetland Delineation	Cultural / Archaeological Studies	Underwater Acoustics	Marine / Coastal Project Permitting	Risk Assessment
KEY STAFF																					
Sherrí Albrecht	Offshore Wind Terrestrial Permitting Project Manager	•			•			•	•	•	•	•		•	•		•			•	•
Christine Archer	Senior Marine Scientist	•	•		•			•	•	•		•		•	•					•	•
Barry Baker	Offshore Routing/Siting Specialist	•		•	•	•		•	•	•		•			•					•	•
Mark Baker	Offshore Wind GIS Practice Lead	•			•		•				•										•
Jen Banks	OSW Permitting PM/BOEM SME	•	•	•	•	•		•	•	•	•	•	•	•	•	•				•	•
Maeve Bartlett, JD	National Offshore Wind Director	•		•	•	•		•	•	•					•					•	•
Jill Cahoon	Stakeholder Engagement Lead	•	•	•	•		•	•	•	•								•			•
Ernesto Calix	Benthic Marine Taxonomist	•	•		•			•	•	•	•	•		•	•	•			•	•	•
Brian Cooper	Offshore Wind bat and T&E Specialist	•	•		•			•		•					•	•			•	•	•
Amardeep Dhanju	Senior Project Manager, Offshore Wind Permitting	•	•	•	•		•			•	•										
Kristen Durocher	Senior Marine Scientist	•	•		•			•	•	•	•	•		•	•	•				•	•
Holly Goyert, PhD	Senior Wildlife Biologist (Marine Birds)	•	•				•	•		•	•			•	•	•					•
Jennifer Guigliano, EIT	Renewable Energy Specialist	•						•		•		•				•					
Nathan Henderson, CFP	OSW Technical Practice Leader	•	•	•	•	•	•	•	•	•	•	•		•	•	•			•	•	•
Bobbie Hurley	Federal Program Lead (BOEM)	•	•		•			•	•	•	•	•		•	•	•				•	•
Juan Levesque, PhD	Senior Fisheries Biologist				•				•	•	•			•	•	•				•	•
Captain Justin Longval	Offshore Wind Marine Operations/Navigation		•					•	•		•					•					•
Dennis Lowry	Senior Terrestrial/Environmental Permitting Specialist	•	•		•			•	•	•	•	•			•		•			•	•
Robert Marszalkowski	Senior Engineering lead (HDD)	•			•	•				•		•			•						•
Carol Maxwell	Offshore Wind Visual Impact Assessment Lead				•		•	•		•					•		•				
Sean Maxwell	Senior Marine Fisheries Biologist	•	•					•	•	•	•	•		•	•	•				•	
Ryan McCarthy	Senior Marine Scientist/Project Manager				•			•	•	•		•	•	•	•	•	•			•	
Kevin McCune	OSW Power Sector Lead (Transmission/ Interconnection)	•	•	•	•	•		•	•	•		•		•	•		•			•	•
Briley Morrill	Benthic Scientist		•		•			•		•	•	•		•	•	•	•			•	
Pamela Neubert, PhD	Marine Science Director/OSW SME	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tim O'Sullivan	Senior Wildlife Biologist				•			•	•	•		•					•			•	
Nancy Palmstrom	Offshore Wind Project Manager	•	•	•	•	•		•	•	•	•	•		•	•	•	•			•	•
J.B. Pelletier	Senior Underwater Archeological Specialist	•	•	•	•		•	•	•	•	•	•		•	•	•	•	•		•	•
John Rollino	Senior Terrestrial and Fisheries Biologist	•			•			•	•	•		•				•		•		•	
Scott Salmon	Transmission Siting and Permitting SME	•	•	•	•	•	•	•	•	•				•	•		•			•	•
Andrea Simonin	Offshore Wind HSE Specialist							•	•							•					•
Brian Stormwind	Senior Air Quality Specialist	•	•	•	•			•	•	•	•	•	•	•	•	•			•	•	•
Ally Sullivan	Marine Scientist	•	•					•	•	•	•	•		•	•	•	•			•	•
Maura Surprenant	Senior Marine Scientist				•			•		•	•	•		•	•	•				•	•
Carl Tammi, PWS	Offshore Wind Program Director	•	•	•	•	•		•	•	•	•	•		•	•		•		•	•	•
Paula Winchell	Marine Benthic Scientist	•			•		•	•	•	•	•	•		•	•	•	•			•	•
Marjorie Zeff, PhD	Senior Marine Geologist	•			•				•	•	•	•		•						•	•

STAFF BIOS



**MAEVE
Bartlett**

National OSW Director

Ms. Bartlett has more than 25 years of experience developing and implementing energy and environmental laws and policies in both the administrative and legislative arenas. She has worked for both federal and state government, and within transportation, energy, and environment agencies. She has a reputation for consensus building on divisive issues with extensive experience in project development and permitting, transportation policy and programs, government programs to foster alternative energy, and government policies for climate preparedness and mitigation. Ms. Bartlett served as the Secretary of Energy and Environmental Affairs for the Commonwealth of MA as well as the MA MEPA Director. An attorney by training she also served as Senior Enforcement Counsel in EPA NE Region. Ms. Bartlett is the Offshore Wind Development Lead for AECOM in the United States. Using her knowledge of federal, state and local agencies, Ms Bartlett works to create the appropriate, most efficient and dynamic AECOM team necessary to support Offshore Wind Developers.



**KEVIN
McCune**

OSW Power Sector Lead
Transmission and
Interconnection

Mr. McCune has over 25 years of environmental and utility experience which has included construction oversight, regulatory compliance and environmental siting and permitting of gas and electric projects. His professional experience also includes providing expert witness testimony in front of the Massachusetts Energy Facilities Siting Board for over 20 large scale utility projects.

Mr. McCune is currently working with several offshore wind developers to assist the siting of their submarine cables as it relates to the points of interconnections (POI). Mr. McCune has extensive familiarity with leading teams through large transmission and substation projects and has years of experience in all aspects of the environmental effort including permitting, soil management, dewatering, hazardous waste disposal, compliance and public outreach. Ensuring environmental compliance requires an understanding of project detail as well as maintaining quality communication between the project management team and regulatory agencies. The project permitting process requires interaction with the following agencies: Conservation Commissions, DEP, Army Corps of Engineers, Mass Historical Commission, Natural Heritage & Endangered Species, EPA, Executive Office of Environmental & Energy Affairs, Department of Public Utilities, and town elected officials. During his years at Eversource, Mr. McCune led the Environmental Licensing and Permitting group in the states of New Hampshire, Massachusetts and Connecticut.



**NATHAN
Henderson, CFP**

OSW Technical
Practice Leader

Mr. Henderson is an Associate Vice President and Senior Certified Fisheries Biologist with over 27 years of experience who specializes in aquatic biology and permitting. Mr. Henderson has extensive experience with offshore and coastal permitting, sediment remediation, dredging, marine ecology, fisheries biology, fish behavior, aquatic habitat restoration, and water quality. Currently Nathan is the Deputy Project Manager of a Massachusetts Offshore Wind Project assisting with the development of the Construction Operation Plan and leading the technical volume components including fisheries, visual assessment, sediment transport, marine mammals and marine geology. He has years of experience managing multidisciplinary projects, including environmental impact assessments, compliance and permitting, and environmental remediation projects. Nathan has managed a variety of projects including assisting Eversource with environmental permitting for the installation of a new submarine cable that is the primary power source to MWRA's Deer Island Wastewater Treatment Plant. Nathan has been involved in various components of offshore wind development including the development of NYSERDA's Offshore Wind Strategic plan focusing on Supply Chain development and he was the Principal for Aqua Ventus offshore wind project routing the location of the submarine cable to shore.



**PAM
Neubert, PhD, AVP**

Marine Science Director/
OSW SME

Dr. Neubert is a program manager and benthic marine ecologist with expertise in ecological impact assessment of marine nearshore offshore environments. Dr. Neubert is currently the project manager of a Massachusetts Construction Operation Plan for a confidential client. She has successfully dedicated her 20 year career to permitting large infrastructure projects in the Atlantic, Gulf of Mexico, Pacific, and Arctic regions. Her focus includes assisting offshore wind energy clients with navigating challenging permitting requirements, NEPA processes, development of Environmental Impact Assessments, managing large multidisciplinary teams, and providing scientifically defensible ecological data that meets rigorous U.S. and international regulatory standards. Dr. Neubert recently was selected to serve a US National Academies of Sciences Steering Committee Member for assessing methods to improve stakeholder engagement and scientific studies for Mid-Atlantic offshore wind energy projects.

STAFF BIOS



**JEN
Banks**

OSW Permitting
PM/BOEM SME

Ms. Banks has 15 years of experience, with 12 years specifically focusing on environmental issues and permitting requirements in the offshore wind industry. She has played a role in many facets of the industry – at the national level, the state level and the developer/project level. At the American Wind Energy Association, she served as the offshore wind energy lead and managed the organization’s interactions with offshore wind developers. She was the wind energy lead at the North Carolina Clean Energy Technology Center where she focused on advancing the wind energy industry in the state – both onshore and offshore.

Ms. Banks started working with the Southeastern Wind Coalition when it was founded in 2012 and helped lead the organization to become a Department of Energy-funded Regional Resource Center. As Permitting Manager for US Wind, she led the company’s permitting strategy for development efforts in Maryland, New Jersey and South Carolina. Ms. Banks currently serves as an Offshore Wind Energy Project Manager at AECOM building on her extensive experience coordinating with federal agencies, engaging with stakeholders and carrying out permitting strategies. She has represented her companies and given presentations at numerous conferences and industry events.



**NANCY
Palmstrom**

Offshore Wind
Project Manager

Ms. Palmstrom is a Program Manager with more than 30 years of experience in environmental permitting (coastal zone management, freshwater and coastal wetland, flood hazard, Section 401 Water Quality Certification, USACE Section 404/10, county and local planning, interstate agency, NPDES/stormwater, NPDES/ wastewater, construction dewatering) as well as expertise in aquatic resource assessment and restoration, and stormwater management. Ms. Palmstrom is currently the Project Manager for a Massachusetts offshore wind Construction Operation Plan for a confidential client. She is an experienced program manager, and has managed environmental permitting for a wide range of projects in New Jersey, New York and other locations throughout the northeastern US. She has also served as project/permitting manager for a number of transmission and distribution projects. Ms. Palmstrom has significant experience with NPDES permitting including new permits, renewals and modifications.



**KRISTEN
Durocher**

OSW Project Manager

Kristen Durocher is a senior ecologist with 30 years of experience working in offshore environments. She has served as deputy project manager for a major offshore wind project in the Northeast. In support of that project, she led the effort for the benthic, seagrass, and essential fish habitat technical reports. She has extensive experience in the field of ecological assessment of contaminated sites and specializes in sediment and surface water investigations and ecological assessment, integrating multiple lines of evidence including aquatic and benthic ecology data, laboratory and in situ toxicity testing, and chemistry data. Ms. Durocher has applied this knowledge and practical experience with complex systems and ecology to the offshore wind development market. She has proven skills to manage large projects with multiple disciplines. Ms. Durocher has designed and managed multifaceted field programs that are based on sound statistical design that deliver clients with data that can be used to establish baseline conditions, satisfy trend-based hypothesis testing, or make determinations of impact.



**BRIAN
Stobbie**

Ports and Harbors
Program Lead

Mr. Stobbie has over 30 years of progressive design and project management experience in waterfront engineering and construction. He was specifically designated for this assignment based on his extensive management with infrastructure design for several coastal flood risk mitigation projects where he integrates the urban and landscape design soft scape features with robust flood mitigation structures. He oversees the AECOM’s marine engineering department where he provides oversight on resiliency and waterfront projects. With a coastal and ocean engineering background, he provides a core understanding of how to integrate the various design resiliency criteria from feasibility studies to site preparation contracts for waterfront projects.



STAFF BIOS



AMARDEEP

Dhanju

Senior Project Manager,
Offshore Wind Permitting

Dr. Dhanju has dedicated the last 16 years of his career working on offshore energy projects. As a Sr. Project Manager at AECOM, he supports the environmental assessment and permitting of offshore wind projects in the US. Prior to joining AECOM, he was a senior policy analyst at BOEM supporting ocean science and policy initiatives. He has facilitated BOEM's offshore oil & gas leasing program, helped streamline offshore wind regulations, coordinated the nation's first National Ocean Policy, and supported environmental permitting of offshore wind projects. Dr. Dhanju co-chaired an interagency group in the National Ocean Council to coordinate Federal engagement in US ocean policy and marine spatial planning. He co-authored a chapter on offshore renewable energy for the first UN World Ocean Assessment and served as a US government reviewer for the draft report. Dr. Dhanju was then designated as the convenor and lead author for a chapter on offshore hydrocarbons in the second UN World Ocean Assessment. He remains active as an adjunct faculty professor at the Johns Hopkins University Energy Policy and Climate program. He is also an associate editor of the *Energy for Sustainable Development* journal.



SCOTT

Salmon

Transmission Siting and
Permitting SME

Mr. Salmon is an energy and transmission siting and permitting Subject Matter Expert with more than sixteen years of progressively responsible experience in environmental consulting supporting regulated utilities and merchant generation and transmission developers. Mr. Salmon has functioned as lead SME and Project Manager on numerous energy and transmission projects involving siting evaluations, constraints analysis, alternatives analysis, Siting Council and Public Utility Commission Applications, and various state and federal environmental permitting programs. Mr. Salmon has led cross-disciplinary project teams on multiple Article VII filings for electric transmission facilities pursuant to the New York Public Service Law. Mr. Salmon has extensive experience in the management of environmental review processes, in the production of environmental planning documentation, and the permitting of waterfront utility projects including Section 10/404 permitting associated with Army Corps Jurisdictional Waters of the United States. Mr. Salmon is currently serving as task lead on multiple sections of a Construction and Operations Plan for an Offshore Wind Project in the Massachusetts WEA.



HOLLY

Goyert, PhD

Senior Wildlife Biologist
(Marine Birds)

Dr. Goyert has dedicated over a decade of her career to quantifying the exposure of marine communities of birds, mammals, fish, and invertebrates to offshore energy development. She leads the Atlantic Marine Bird Cooperative working group for Marine Spatial Planning, a stakeholder partnership of federal, state, and non-governmental technical subject matter experts. Dr. Goyert has identified the best practices of bird-smart wind energy development, culminating in a presentation to representatives of the US House at a legislative briefing on Capitol Hill. She spent years at sea as a marine bird, fish and mammal observer collecting shipboard data and has analyzed and mapped large datasets from aerial surveys and wildlife tracking networks. As a quantitative community ecologist, Dr. Goyert implements hierarchical statistical models to predict the distribution and abundance, movement ecology, and population dynamics of protected marine birds, in the context of climate change. Her track record includes lead authorship in several peer-reviewed journals and written technical reports to state and federal agencies, as well as technical reviews of environmental impact assessments.





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