

CONTACT

Melissa Alexiou 1 (242) 376-1448
P.O. Box N4805 malexiou@waypointltd.net
Nassau, The Bahamas www.waypointconsultingbahamas.com

NATIONALITY

United States of America
*Bahamas Spousal Permit with the unrestricted right to work in The Bahamas

EDUCATION

Master of Science, Environmental Science and Policy, The Johns Hopkins University (2009)
Bachelors of Arts, Environmental Studies, Rollins College (2005)
Certificate, Geographic Information Systems (GIS), The Johns Hopkins University (2011)

PROFESSIONAL CERTIFICATION & AFFILIATIONS

Project Management Professional (PMP), Project Management Institute
National Association of Environmental Professionals (NAEP)
ASTM E1527 Phase I & II Environmental Site Assessments for Commercial Real Estate
LEED Green Associate

EXPERIENCE

2012 – Present

Waypoint Consulting, Environmental and Project Management Consulting, Director, Nassau, Bahamas

- Performs environmental analysis and prepares technical reports
- Environmental Impact Assessments, Environmental Management/Mitigation Plans
- Construction Monitoring for Environmental Management
- Research analyst and advisory consulting services
- Project liaison and administration

Selected Recent Projects

Master's Harbour, Great Exuma: Environmental Overview

Waypoint prepared an environmental overview for a proposed development at Master's Harbour, Great Exuma. The environmental overview was prepared in support of the developer's application to the Bahamas Investment Authority (BIA). The overview highlighted the proposed development's features with consideration for the existing natural environment and identified potential areas of concern to be discussed in greater detail within an Environmental Impact Assessment (EIA).

Environmental Impact Assessment: Matt Lowe Cay, Abaco, The Bahamas

Waypoint was subcontracted to provide technical writing services and analysis of baseline biological data for the EIA regarding Matt Lowe Cay. The EIA included review of impacts to land based natural resources as well as marine, particularly regarding proposed overwater bungalows.

Environmental Overview: Eastpoint, Curacao

Waypoint was subcontracted to review the development programme for Eastpoint, Curacao. This entailed a review of an existing environmental assessment with regards to the delicate coastal environmental and protected marine areas and proposed master plan. Waypoint discussed the elements of an environmental management system in relation to the existing legislative framework to provide recommendations for future development works in order to achieve sustainable development. Recommendations focused on the management of wastes and a coastal management program.

Phase 1 Big Pond Landfill Remediation/Restoration IDB Mitigation for Roadworks, New Providence, Melissa provided environmental monitoring services to the Contractor through Islands By Design Ltd. for remediation efforts at Big Pond, a former landfill and important urban mangrove ecosystem.

Remediation of the former landfill served as the mitigation component for the New Providence Road Improvement Project. Mitigation included the demolition of two buildings, removal of contaminated soils, removal of surface waste, and the implementation of a boardwalk, trails, and basketball courts.

A Comprehensive Strategy for the Optimization of Family Island Airports - IDB BH-L1027, Bahamas

Waypoint was subcontracted to provide support in the review and application of existing environmental regulations and guidelines for The Bahamas Civil Aviation Department (BCAD). Review of BCAD schedules combined with a review of national parks and important bird areas was part of a gap analysis to strengthen environmental understanding and commitment by the aviation authority. The project aimed to bring The Bahamas into compliance with ICAO standards and best practices.

2010 – 2012

Islands By Design, Environmental Scientist, Nassau, Bahamas

- Perform island-specific research on physical environment, culture and economics
- Analyze biological assessment and research data to determine impacts and significance
- Compile analyses and prepare written Environmental Impact Assessments/Statements (EIA/EIS)
- Knowledgeable of best management practices (BMPs) for mitigation/management techniques

Selected Projects

South Beach Township Project, Nassau

The South Beach Township Project was an initiative to rehabilitate a low income area through planning for an area of southeastern New Providence. A key component of the plan was to identify existing environmental issues, namely flooding and limited beach access, and to rectify these issues to create a mixed-use sustainable community.

Sports Centre Redevelopment Project, Nassau- Environmental Monitor

The Environmental Management Plan provides management techniques to ensure safe operation and minimal anthropogenic inputs to the mangrove forest located in Big Pond during utility installation and road construction. As the Environmental Monitor, I performed twice weekly site visits to document contractor compliance to the EMP and monthly reports to evaluate overall contractor compliance and provide recommendations for improvement.

Overwater Bungalow Research Report: Exuma

A research report was prepared outlining the potential environmental impact of overwater bungalows in The Bahamas. The report considered environmental issues pertaining to light penetration and shading, waste management, building specifications, and construction. It also highlighted a case study of the Maldives and made recommendations for a National Overwater Bungalow policy for The Bahamas.

2007 – 2008

Farkas Berkowitz & Company, Associate, Washington, DC

A Strategic Management Consulting Firm

- Performed market research and analysis for top Engineering News Record, Fortune 500 firms
- Proposed and implemented new financial accounting system

Water Partnership Council/Water Design-Build Council, Staff Member, Washington, DC

Two independent trade associations managed by the Farkas Berkowitz staff

2005 – 2007

Protection Strategies Incorporated, Environmental Scientist, Arlington, VA

Government Contractor to U.S. Environmental Protection Agency (EPA)

- Researcher and analyst for the EPA's Water Contaminant Information Tool (WCIT)
- Researched contaminants and wrote technical data for medical, decontamination, environment fields

FIELD EXPERIENCE

Academic field excursions between 10 days and 6 weeks

- Marine Biology, School for Field Studies, South Caicos
- Marine Biology & Ecology of Hawaii, Rollins College
- Wetland Ecology, Johns Hopkins University, various sites in Maryland
- Freshwater Aquatic Biology, Rollins College, Highlands, North Carolina
- Peru, Tambopata Reserve. Sustainable Development in the Amazon Basin, Rollins College

CONTINUING EDUCATION AND CONFERENCE PARTICIPATION

- 2013 National Economic Development Plan, Participant
- Caribbean Growth Forum, June 24 -25, 2013
- IDB National Development Planning Workshop, September 26, 2013
- Environmental Conclave, Nassau, The Bahamas, January 29-31, 2014
- Sponsor, 2nd Bahamas Natural History Conference, March 2014
- Creation and Restoration of Wetlands, Everglades Wetland Research Park, October 2014
- Coastal and Marine Spatial Planning Advancement Training, Duke University and Battelle, Spring 2015

SKILLS

- Geographic Information Systems (GIS)
- MS Word, MS Excel, MS PowerPoint, MS Publisher, MS Visio, MS Project

COMMUNITY INVOLVEMENT

- Bahamas Society of Engineers
- Bahamas Chamber of Commerce, Energy and Environment Committee
- Bahamas National Trust
- Bahamas Historical Society
- Cancer Caring Society, Committee Member

ACTIVITIES& INTERESTS

- Diving (PADI certified), swimming, golf, tennis