

NATIONAL MARINE FISHERIES SERVICE NMFS SPECIES OBSERVER

Objective

Looking for employment in an Environmental Engineering position that will help further my career while bringing my experience and education to the company as well.

Summary

A result driven, diligent and highly accomplished professional with curiosity and creativity about the environment possessing over 12 years experiences in Environmental Science, develop solutions to resolve environmental problems; taken part in water pollution control, water recycling, biological waste disposal, and public health issues; participated in the design of aquaculture wastewater treatment systems; experienced in laboratory operations and safety procedures.

Education

Ph.D : Soil, Water and Environmental Science 2014 University of Arizona City , State , USA

Soil, Water and Environmental Science

MSc : Soil, Water and Environmental Science 2014 University of Arizona City , State , USA.

Soil, Water and Environmental Science

Diploma : Management 2006 University of London City , State , UK

Management

BSc. : Agriculture 2002 University of Guyana City , State , Guyana

Select One City , State GPA: Graduate Student Travel Award Institute of the Environment, 2013

Professional Experience

National Marine Fisheries Service NMFS Species Observer 07/2015 to Current Company Name City , State

- Monitor for sturgeons (Atlantic and Shortnose) and other endangered species found within the dredging area of the \$3.1 Billion New NY Bridge Project;
- Monitor dredging, decanting and offloading operations of dredge materials for sturgeons and other endangered species;
- Collect and record biological data (length, weight, DNA samples);
- Collect and process fish specimens for necropsy;
- Communicate observations and finding to New York State Thruway Authority (NYSTA), New York State Department of Environmental Conservation (NYSDEC) and others when on site.

Environmental Research Assistant 01/2011 to 06/2014 Company Name City , State

- Performed laboratory analysis of water for physical and chemical parameters such as algae, temperature, conductivity, pH, salinity, dissolved oxygen, nitrite, nitrates and turbidity;
- Directed the Western Regional Aquaculture Center commercial farm tilapia feed trials, prepared reports and present research findings;
- Collected biological samples and conducted proximate analysis (protein, lipid, moisture and energy) on fish tissue and feed samples;
- Acted as a liaison between the UA Food Products and Safety laboratories, Montana State University and US Fish and Wildlife Service, Bozeman Fish Technology Center;
- Prepared reagents and media for use in the Laboratory; Oversaw strict adherence to safety policies and procedures during testing;
- Managed the daily operations of the ERL Aquaculture Greenhouse.

Senior Fisheries Officer 01/2007 to 01/2011 Company Name City , State

- Conduct environmental assessment of aquaculture facilities;
- Prepared technical reports detailing findings and recommendations from assessments;
- Identified and solved environmental problems arising from aquaculture facilities affecting the safety of water and land;
- Controlled water pollution and handled solid waste management;
- Removed impurities and harmful discharge from the water;
- Developed techniques for water recycling; Conduct extension services and monitored over 40 aquaculture farms to reduce environmental impacts of aquaculture;
- Managed the National Aquaculture, Fish Hatchery and Laboratory;
- Performed laboratory analysis of water for physical and chemical parameters such as algae, temperature, conductivity, pH, nitrite, nitrates, salinity, dissolved oxygen, and turbidity for this and other aquaculture facilities.

Fisheries Officer 01/2002 to 01/2007 Company Name City , State

- Revamped the data collection program which led to the reduction of data gaps within the months and years;
- Examined and quantified the composition of fish species caught, discarded, and retained on commercial fishing vessels;

- Collected and analyzed biological and socio-economic data among others on Guyana's commercial marine species such as Southern Redsnapper (*Lutjanus purpureus*), Seatrout (*Cynoscion virescens*) and Bangamary (*Macrodon ancylodon*) using models as specified by CRFM;
- Wrote scientific reports and presented the findings of data analyzed to various stakeholders.

Award

University of Arizona - Graduate Student Travel Award Institute of Environment, 2013

Skills and Expertise

Water Quality Testing, Wastewater Treatment Systems, 10 Hour OSHA Hazard Recognition Training for the Construction Industry, Microsoft Office and Microsoft Excel.