**Sanata Dama**

Ottawa, ON

(343) 322 6128, damasanata@gmail.com

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**PROFILE**

Dedicated Environmental Engineer with a PhD in Environmental Toxicology and extensive experience in regulatory compliance, environmental impact assessment, and remediation programs. Passionate about applying innovative solutions to environmental challenges and contributing to sustainability initiatives.

**HIGHLIGHTS OF SKILLS AND QUALIFICAITONS**

* Bilingual: English and French
* Regulatory Compliance
* Environmental Impact Assessment
* Remediation Program Design
* Quality Assurance/Quality Control
* Computer skills: Word, Excel, PowerPoint, Outlook
* Data Analysis
* Instruments: ICP-MS, FP-XRF, Microwave digester
* Multicultural Competencies
* Teaching and Training
* OSHA /RCRA40-Hour HAZWOPER

**WORK EXPERIENCE**

**Environmental Engineer** October 2022-February 2024

**Bechtel Corporation, USA**

* Ensure that Liquified Natural Gas (LNG) projects are in compliance with state, federal, and country environmental permits and regulations, and in particular with Federal Energy Regulatory Commission (FERC) requirements
* Develop and implement procedures for assessing environmental impact and designing improvement and remediation programs
* Evaluate environmental impact, prepare reports

**Environmental Investigator** January 2022-October 2022

**Texas Commission on Environmental Quality/Greater Houston** **Regional Office, USA**

* Conducted surveys, investigations, and technical inspections to enforce environmental regulations
* Investigated pollution and contamination sources, collected and analyzed environmental samples, and provided expert testimony during legal proceedings.
* Provided technical assistance to the public, regulated community, and other stakeholders

regarding environmental regulations

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**Graduate Research Assistant**  2018-2021

**Texas Southern University, USA**

* Collected and analyzed environmental samples using advanced instrumentation (ICP-MS, FP-XRF)
* Conducted chemical and biological analyses, prepared research reports, and presented findings at conferences
* Collaborated with faculty research team to develop multicultural competencies for publications

**Graduate Teaching/Lab Assistant** 2015-2021

**Texas Southern University, USA**

* Instructed and supervised students in laboratory procedures, safety protocols, and analytical techniques
* Maintained laboratory equipment and safety standards, graded assignments, and provided feedback to students

**Independent Consultant** 2008 -2009

**Deutsche Gesellschaft für Internationale Zusammenarbeit (GTZ), Burkina Faso**

* Supervised staff and assisted in the development of environmental policies and procedures
* Interpreted and verified analytical results, ensuring compliance with quality assurance standards

**Internships**

**Intern at the National Office of Drinking Water (ONEP\_Tensift), MOROCCO** 02/2008-06/2008

Designed and analyzed sanitation networks, conducted technical inspections, and provided regulatory expertise

**Intern at the Regional Establishment Development and Construction of Tensift (ERAC/Tensift) MOROCCO**  05/2006-07/2006

* Monitored construction site of a new development project called Tamansourt
* Proposed a Wastewater Treatment Plant Design

**EDUCATION**

**PhD. in Environmental Toxicology**

Texas Southern University, USA, December 2021

**M.S Sanitation Engineering and Environmental Management**

Cadi Ayyad University, Morocco, June 2008

**B.S in Urban Waste Management**

Cadi Ayyad University, Morocco, July 2006