

Anupama S

Environment and Sustainability Professional

Summary

Contact Details

Passport No. : W8947958

Mobile No. : +973 33790089

Email I.D. : 2006anupamanair@gmail.com

Address : Flat- 22, Building-3160B,
Road- 3957, Block No. 939
Kingdom of Bahrain

LinkedIn:

<http://linkedin.com/in/anupama-s-7b0b97157>

DOB & Nationality

20 June 1994 | Indian

Years of Experience

5+ years

Industries

- Aluminum
- Oil and Gas
- Construction Sites
- Power Plants
- Airport Works

Areas of Expertise

- Environmental Audits
- Environmental Monitoring's
- Awareness of Environmental Regulatory Requirements/Standards
- Project Management and Review of EMP
- Environmental Impact Assessment (EIA)
- Business development – Proposal preparations
- Tender Biddings

Qualifications

Education

2019

M. Tech- Environmental Engineering

2017

B. Tech- Civil Engineering

Software / Skills

- Open Data Kit Collect
- Open Street Mapping Tracking
- Q-GIS
- AutoCAD
- Primavera
- Revit
- 3DS Max

Core Skills

- **Project management** – Planning, Budgeting, Scheduling & overseeing project implementation from conception to completion
- **Technical Proficiency & Innovation**– Knowledge of environmental laws & regulations. Proficiency in computer aided software's for extracting and analyzing environmental data
- **Risk Management**- Predicting & Mitigating any potential environmental or financial risks
- Ethical & Environmental Awareness
- Interdisciplinary Knowledge
- Scope & Resource management
- Focus on Sustainability & Critical Thinking

Personal skills

- Adaptability
- Technically inquisitive
- Excellent communicator
- Aptitude for collecting and analyzing scientific data
- Decision making
- Self-motivation
- Calculate and Pitch Potential Value

Key Technical Skills

- Qualified NEBOSH IGC [Occupational Health and Safety]
- Auditing Environmental Management System as per ISO 14001:2015 [ISO 14001:2015 Lead Auditor certificate]
- Identification of sustainable solutions for pollution prevention and control
- Development of legal register
- Environmental sampling and result analysis
- Ensuring sustainability through circular economy
- Environmental monitoring and assessment
- Developing and Implementing Environmental Management Plan

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Experience

Postgraduate in Environmental Engineering with 5+ years of experience in Environmental Consultancy area. My experience covers a range of Environmental activities in Oil and Gas industry, Aluminum industry, and other construction and operation sites including the preparation of Environmental Management Plans, Environmental Audits, Site Safety and Risk Assessments, Environmental Monitoring (Air, Noise, Vibration) etc. Handled the most crucial role in coordinating the environmental activities with the client for a fruitful outcome. The expertise includes working with the Environmental Ministry for project approvals and other permits. Involved in technical discussions with the client to support critical environmental issues. Played a major role in business development and preparation of techno-commercial proposals for different projects. Worked as a part of the technical team in the supply, installation and commissioning of various environmental instruments and monitoring stations. Involved in client relations for the sales of Environmental Instruments.

Involved in the consultancy services for various environmental products like Graywolf Sensing Solutions Ireland, Cirrus Research UK, Vibrock Limited UK, Scentroid Canada, Oizom Instruments India, AMETEK Land UK, Pulsar Instruments UK etc.

Senior Environmental Specialist

Employer: Envirotech Consultancy W.L.L, Kingdom of Bahrain

January 2022 to Present

Clients

- BAPCO Energies (Refining, Upstream and Gas)
- Aluminum Bahrain (ALBA)
- TechnipFMC, Technicas Reunidas S.A. and Samsung Engineering Joint Venture (TTSJV) – BAPCO MODERNIZATION PROGRAM
- SULB Company
- WTE – Wasser Technik GmbH
- Bahrain Airport Company/Gulf Air Group
- SUBCOM (Batelco)
- Manama Steel Industries
- Keller GmbH – Ithmaar Development Company
- ALS Laboratories Ltd
- Environment Arabia Consultancy Services

Roles & Responsibilities:

- Review of EIA/EMP Reports and preparation of Construction and Operational Management Programs for various projects.
- Environmental monitoring for air quality (ambient and indoor), noise (area and occupational), vibration etc.
- Data acquisition, review and analysis for various monitoring stations and submission of weekly/monthly reports for various projects.
- Conducting site audits and Performance Monitoring for various projects and reporting to the regulatory bodies.
- Environmental Third-Party Inspection for various projects.

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Projects & Tasks Handled:

- Environmental Monitoring's for BAPCO Modernization Program (BMP), Kingdom of Bahrain.
- Conducted Operational Environmental Audits and Monitoring's for the Spent Pot Lining Processing Plant of Aluminum Bahrain (ALBA SPL), Kingdom of Bahrain
- Conducted Construction Audits and Monitoring's for Tubli STP Expansion - Phase 4, Kingdom of Bahrain
- Handled Indoor Air Quality and Vibration Monitoring in the data centers for Bahrain International Airport
- Conducted Environmental Third-Party Inspection for the AVW - The Avenues Bahrain Phase 2B Reclamation works, Kingdom of Bahrain
- Conducted Noise Monitoring's for the Al Dur Phase II Independent Power Project, Kingdom of Bahrain
- Conducted Operational Environmental Audits for Manama Steel Industries, Konexus Aluminum International and many other industries
- Part of the project team for the EIA study of Static Furnace Incinerator In-house wastes for Reckitt Bensker Bahrain WLL.
- Involved in the permitting process for the Southeast Asia-Middle East-West Europe 6 Gulf Extension (SMW6) Submarine Cable System in Bahrain – SUBCOM-Batelco
- Handled Environmental Monitoring (Air, Noise, Vibration) and Results extraction/analysis for various clients including Havelock One, Olayan Kimberly Clark, KARTEC, Muharraq Waste Water Services, Airmech, ALS Arabia, Environment Arabia Consultancy etc.

Resource Person

Employer: Harithakerala, Mission, Govt of Kerala, India

(March 2020 – August 2021)

Project Briefing:

Hygienic waste management for effective waste disposal, soil and water conservation, agricultural development with a special thrust on organic farming are the three focal points of 'Mission Haritha Keralam', under Govt. of Kerala. It is a public-centric mission designed to be implemented under the stewardship of the local self-governing bodies encompassing voluntary organizations, NGOs, social activists, environmentalists, students, youths and other discerning individuals and groups. The schemes of the central and state governments and the resources under various departments shall incorporate with the schemes envisaged in the Haritha Keralam Mission.

Roles & Responsibilities:

- To supervise and coordinate the activities of the mission at the block level for the smooth functioning of the mission.
- Coordination shall be made in such a way that the activities of the agencies and officials shall be centralized at the local self-governing bodies. Affirm that the local self-government entities and the agencies are taking up the projects as envisaged in the district mission document. Supervise the activities of the young professionals and mentors at the block level and also to issue guidelines and advice for the smooth functioning of the mission.
- Initiatives to coordinate the activities of various Government departments, agencies, volunteer organizations with the Local Self-Government entities.
- To aid the local self-governing bodies in finding solutions for the complexities and problems involved mainly in water treatment and waste management. Helping in finding scientific solutions for waste management in the local bodies.
- Project implementation at the block level shall be reviewed properly and initiate steps for the successful completion of the projects.
- Providing technical support for the collection of data and information.

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- To identify the educational institutions and hospitals which require upgradation and modernization on the basis of approved criteria.
- Recommendations for bringing the projects under the comprehensive plan with the Thirteenth Five Year Plan and annual plan of the local bodies.
- To visit the sites periodically, monitor and access the progress of a work using mobile applications/software.
- Compiling the various projects of the Local Self Govt bodies and prepare District mission document.
- Review reports, reports on the progress of the execution of the projects and evaluation reports on the performance of the Mission shall be submitted to the district mission and District Planning Committee periodically.

Internship Trainee

Employer: Harithakeralam, Mission, Govt of Kerala, India

(June 2019 – February 2020)

Roles & Responsibilities:

- Conducting surveys in the preliminary stage and a baseline document will be prepared on the basis of the data collected locally with the participation of the people.
- Collection of data and information prior to the commencement of a project to help the district mission to plan accordingly.
- Weekly reporting to the concerned Resource person/District mission about the status of ongoing projects.
- Assisting the concerned Resource Person/District mission in Plastic waste management at the panchayath level.
- Ensuring the participation of people from all walks of life to achieve mission goals by conducting campaigns and other IEC works.

Laurels / Achievements

- NEBOSH – IGC in Occupational Health and Safety.
- IRCA approved certification in ISO 14001:2015 Lead Auditor course.
- Published journal 'Micro-plastics in the Vicinity of an Urban Solid Waste Management Facility in India: Assessment and Policy Implications' - DOI: 10.1007/s00128-022-03588-2 – Bulletin of Environmental Contamination and Toxicology.
- Achieved Gold – Elite tag (96% topper) for NPTEL online certification exam (April 2019) on 'Plastic Waste Management' funded by MHRD, Govt. of India.
- Paper presentation (oral) on 'DETECTION OF MICROPLASTICS IN RIVER WATER USING FT-IR SPECTROSCOPY' at First International Conference on Recent Scientific Research in Engineering and Technology (ICRSRET 2019), John Cox Memorial CSI Institute of Technology, Thiruvananthapuram, Kerala.
- Poster Presentation on 'INTEGRATED FORWARD-REVERSE OSMOSIS SYSTEM FOR WATER RECLAMATION' at First International Conference on Energy and Environment (ICEE 2018), NIT CALICUT, Kerala.
- Stall presentation at PPTIA – SCMS 2018 based on NIVUS GmbH on ultrasonic flow measurement.
- Handle a one-day lecturing session for school children at GHSS Ernakulam as part of the water audit for the year 2018

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Career References

- SAJITH SATHYAN
Senior Safety- Projects and Subsurface
HSEQ Dept
Qatar Energy LNG
Qatar
Tel. (Direct): +974 74748018
E-mail: Sajitsatya@gmail.com
- Mr. RAJITH CHANDRAN
CEnv, MIEMA, MIEEnvSc, MIAQM, ACSAP, GRI CSP
Senior Environmental Consultant
Environment Arabia Consultancy Services WLL,
Seef, Kingdom of Bahrain
Email: rajith@environmentarabia.com
Phone No: +973 34036666
- Mr. K S Rajesh
District Mission Coordinator
Harithakeralam Mission, Alappuzha
Govt. of Kerala
Email: hkmalpy@gmail.com
Tel.: +91 9497676809
- Dr. Ratish Menon
Associate Professor
SCMS Water Institute
SCMS School of Engineering & Technology,
Karukutty, Ernakulam, Kerala
Email: ratishmenon@scmsgroup.org
Tel.: +91 9892077988