

Samuel Aaron Afonso

Department: Environmental Science and Impact Assessment

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Designation: Assistant Professor



Qualifications

- ❖ Master of Science in Environmental Science and Technology, Bharati Vidyapeeth Institute of Environment Science and Research, Pune (India) in the year 2022.
- ❖ Bachelor of Science in Geology, Parvatibai Chowgule college of Arts and Science Autonomous, Margao- Goa (India) in the year 2020.

Certifications

- ❖ Bureau Veritas internal auditor certification in IMS, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.
- ❖ Bureau Veritas Lead auditor certification EMS, ISO 14001:2015.
- ❖ Global management group internal auditor certification in IMS, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.
- ❖ Green world group First Aid at Work Certification.
- ❖ Green world group Management of change in process safety certification.
- ❖ Green world group Behavior based safety management certification.

Professional Experience

- ❖ Currently working as an Assistant Professor for Environmental Science and Impact Assessment at Parvatibai Chowgule college of Arts and Science Autonomous, Margao- Goa (India) since July 2024.
- ❖ Worked as an Environmental Chemist at Italab (Goa) Pvt. Ltd (India) April 2023 to May 2024 (1 year).
- ❖ Internship at Terra Hydrotech Solutions- Consultants in Geophysical Surveys, Groundwater Management & Rainwater Harvesting at Goa (India).
Completed one month of internship in “Ground water exploration using geophysical techniques” from 3 November 2018 to 28 November 2018 under the supervision of Mr. Smitesh Talawadekar Chief Consultant – Hydro geologist.
- ❖ Internship at Rainbow Warriors
 1. Preparation of Coastal zone Management Plans for villages of Salcete in Goa (India).
 2. Studies of Environment and Economics in CRZ- Coastal Regulation Zone of India areas.
 3. Collecting Data through Field Work, interacting with locals and Panchayat Members.
 4. GIS on QGIS software, map tracing and GPS mapping on Google Earth.

Thesis

- ❖ **MSc level-** Socio-Economic Impact Assessment of Water Pollution: A Case Study on River Sal, Goa (India).
- ❖ **BSc level-** Study of Hydrochemical Weathering along the course of Khushavati river Goa (India).

Resource person

- ❖ Resource person for the workshop on River Sal: then and now organised by Government College of Arts, Science and Commerce, Khandola on 11th February.
- ❖ Assisted the students of Goa Institute of Management on their project titled Reviving Bengaluru and Goa's Waterbodies: Unveiling Hidden Marvels and Igniting Community Pride on 17th February 2023.
- ❖ Resource person for the workshop titled "River Sal - The way ahead organized by Friends of Sidharth Karapurkar (FOSK) on the occasion of world environment day 2023.
- ❖ Resources person for a workshop on Waterscapes and its role on the Environment organized by Diocesan Youth Centre, Goa-Daman their annual event titled 'Youth force' on the 24th of September 2023.
- ❖ Guest speaker at Regina Martyrum High School, Assolna for a student workshop titled 'Rivers and their resources' on June 2024.

Workshop, Seminar & Conferences

- ❖ Attended the workshop on Soundscaping 'Revitalising Spaces': extrapolating ISO/TS 12913-2:2018 methods to connect auditory, non-auditory, affective and metaphysical perceptions by Menino Allan S. M. Peter Tavares at the International Center for Conservation Acoustics, Tollecantto - Velim, Goa, India on 15th October 2022.