

# George Elias

## Environmental Engineer

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### Work experience

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#### Environmental Engineer

2017 - Present

Eni/Petrobel, Zohr Gas Field

- Maintain compliance with environmental regulations and programs, including the management and performance of inspection, sampling, reporting, diligence, and environmental remediation efforts.
- Improve existing environmental processes, related to environmental air quality monitoring and air emissions reporting by using CALPUFF dispersion modeling system and QGIS 2.18.17 (An open source geographic information system).
- Develop waste management and disposal strategy with the cooperation of Schlumberger and Petrojet.
- Participate in design meetings and project team meetings.
- Interpretation and implementation of environmental regulations, including RCRA and CERCLA.
- Support Phase I environmental site assessments, including data review, site reconnaissance, and report writing.
- Design and construction of waste water treatment plants.
- Interpret, implement and communicate environmental policies and regulations on state, federal, local and corporate level.
- Assist with feasibility assessments, compliance assessments, and permit applications.
- Participate in the Management of Change (MOCs) process. Assist the operating and maintenance areas in executing the changes with stakeholders.
- Lead implementation and management of site ISO 14001 Environmental Management System and environmental audit experience.
- Develop, implement, and execute action tracker list, environmental aspect register, environmental management system compliance action plan and health risk register.
- Conduct field activities including collection of soil, sediment, groundwater, and air samples.
- Communicate with vendors and contractors, assist with contract administration and cost control.

### Education

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#### Master's degree

2015 - 2017

[Stuttgart University](#)

Master's degree in Air Quality Control, Solid Waste and Waste Water Process Engineering at Stuttgart University in Germany.

#### Bachelor's degree

2008 - 2013

[Faculty of Engineering, Alexandria University](#)

Bachelor's degree in Gas and Petrochemicals Engineering at Alexandria University in Egypt.

### Skills

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- Mentor Junior field staff by way of training them and passing on of experience.
- Good written and oral communication skills.
- Good analytical skills and the ability to manage multiple activities at the same time.
- Proficiency in MS Office tools (Excel, Word, Outlook, and PowerPoint).

Projects

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- Oil in Water Emulsion Treatment using Electrocoagulation.
- Nitrification Inhibitors in Agriculture and Waste Water Treatment Plants (WWTP).

Languages

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German	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div>
English	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Fluent</div>
Arabic	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Mother Tongue</div>