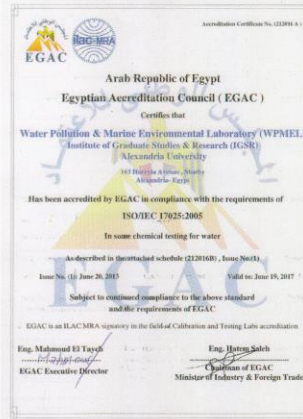
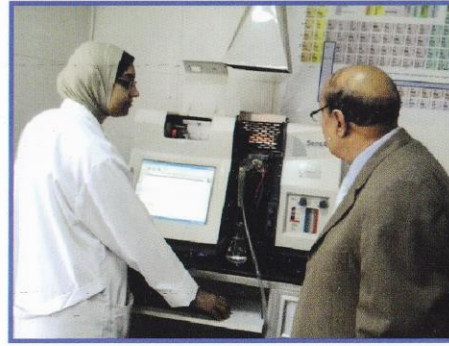



Analytical tests of interest are all water quality parameters according to the Environmental Laws in additions to the experiments required by the academic researchers and the companies

The analyses performed include, but are not limited to, the following:


- Dissolved Oxygen (DO)
- Hydrogen ion concentration (pH)
- Salinity
- Biological oxygen demand (BOD₅)
- Chemical Oxygen Demand (COD)
- Alkalinity
- Hardness
- Sulphates
- Ammonia
- Nitrite
- Nitrate
- Total nitrogen.
- Phosphate
- Total phosphorus.
- Trace Metals in water, Sediment and biota
- Petroleum Hydrocarbon water, Sediment and biota
- Organochlorine Pesticides (OCPs)
- Polychlorinated Biphenyls (PCBs)
- Microbiological Detection of the Coliform Group and any other waterborne pathogens

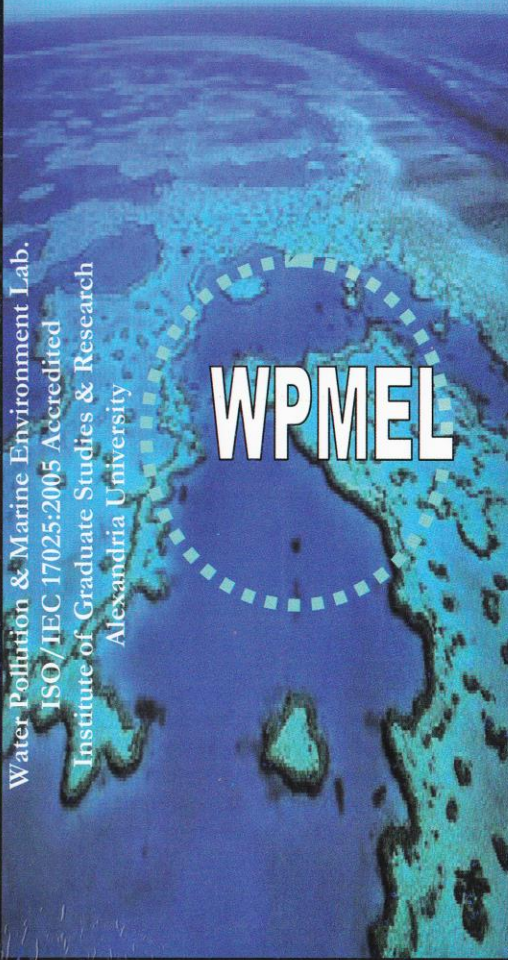


For Further information please contact our laboratory at the Following Address
Water Pollution & Marine Environment Lab.
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Tel/Fax...: ٠٣ / ٤٢٥١٠٣٨
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معمل تلوث المياه والبيئة البحرية
 معتمد طبقا للمواصفة الدولية
 ISO/IEC 17025:2005
 معتمد الدراسات العليا والبحوث





WPMEL

Water Pollution & Marine Environment Lab.
 ISO/IEC 17025:2005 Accredited
 Institute of Graduate Studies & Research
 Alexandria University

About us:

We are a team of environmental experts and professionals specialized in water analysis and marine environment aiming to conduct high quality research and provide scientific leadership on important issues in our field leading to new knowledge, tools, approaches, awareness and services.

The water pollution and marine environmental lab (WPMEL) is a part of the Department of Environmental Studies within the Institute of Graduate Studies and Research (IGSR)

Functions:

The laboratory has many functions Such as:

- Academic research
- Environmental consultancy
- Bid specialized courses to companies in the fields of:

1. Water Analytical chemistry
2. Water Microbiology
3. Instrumental chemistry analysis

Previous Experiences:

Our laboratory team had obtained its experiences from participation in many national and international projects such as:

- MEDPOL from 1990 - 2000.
- Environmental Monitoring for the Egyptian Mediterranean coastal water from Salloum to Rafah since 1998 running until now under the umbrella of EEAA and DANIDA.
- Our lab undergoing the final steps towards accreditation according to ISO-17025, 2005.
- Consultation with the industrial sector in the

field of water pollution and management e.g., EIA

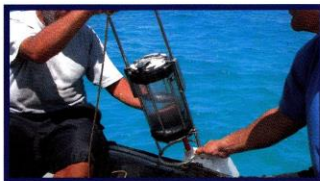
- Post Experience courses in the field of Integrated coastal zone management (ICZM)

Permanent Staff:

- Prof. Dr. Samir M. Nasr
- Prof Dr. Hoda H . Baghdadi
- Prof Dr. Moustafa A. Elshenawy
- Prof Dr. Mohamed A. Okbah.
- Dr. Mostafa S. Abbassy
- Mr. Mohamed K. Gomaa
- Mr. Mohamed A. Abdel-Khaleq
- Plus well trained group of specialists and technicians

Enviromental Testing Services:

Our laboratory specializes in water and marine samples analysis using the most trusted and accredited standard methods.



Analytical Capabilities

The water pollution and marine environment laboratory (WPMEL) is equipped with the most modern equipment to allow for proper sample collection, preparing and analyze all types of water and marine samples whether sediment, biota and microbiological samples..

Our personnel are well-trained and qualified in appropriate methods for collecting samples in all situations.

The laboratory owned accredited, calibrated highly accurate and precise instruments include but are not limited to, the following:

- Multiprobe YSI CTD used for determination of hydrographic parameters e.g., pH ,temperature, dissolved oxygen, conductivity and salinity simultaneously with depth
- Spectrophotometers
- Nutrients Autoanalyzer Alpkem USA
- Atomic Absorption spectrophotometer .
- High Performance Liquid Chromatography (HPLC). Microbiological unit of high degree of accuracy and safety.
- Mobile lab for water analyses
- Two Zodiac motor boats for marine sampling.
- Four wheel drive car for field trips

In addition to data entry Unit and database according to controlled chain of custody

