ERC

ENVIRONMENTAL RESEARCH CENTER

erc@bahria.edu.pk

Bahria University established a small environmental laboratory in 2007 at its Karachi Campus for provistion of consultancy services to local textile industries on their waste-water treatment solutions. Soon after its recognition from Federal Environmental Protection Agency in 2008, ERC began a journey that evolved a small lab into one of the largest, highly respected laboratory providing commercial testing services in Pakistan. Following rapid growth and diversification in 2008 after winning a project from Higher Education Commission (HEC), ERC expanded its services across the country. In 2010, ERC achieved another milestone through winning a Thar coal exploration project which resulted in expansion and capacity building of ERC in area of mining and mineral testing infrastructure. Whilst ERC has seen its services expanded by both geographic and end market diversification, the center has never lost sight of its core values;

These core values are integral to everything ERC does and every decision we make. They are the cornerstone of what sets us apart from other technical services and are the foundation for the continuing growth and development of the Center.

OUR END MARKET

Over the past 12 years, our focus has broadened to include dedicated services aligned with the needs of more than 55 Clients from the following market sectors:

- Textile Sector of Industries
- Pharmaceutical Sector of Industries
- Power Generation and Distributor Sector of Industries
- Civil Infrastructure and Construction Sector
- Oil & Gas Sector
- Mine & Mineral Sector
- Petrochemical
- Food Processing and Manufacturing Sector
- Environment, Health and Safety Sector

KEY CLIENTS

The Aga Khan University Hospital
SHAHEEN AUTOMOTIVE Pvt. Ltd.
LOTTE CHEMICAL PAKISTAN
SOORTY
agriauto INDUSTRIES LIMITED
gsk GlaxoSmithKline Pakistan
SIEMENS Ingenuity for life
siddiqsons LIMITED
OBS We Make A Difference In People's Life
BURAQ OIL
Atlas Battery
HINO
ORIENT OIL COMPANY LLC

TAILOR MADE SERVICES

ERC is a leader in providing laboratory testing, certification and verification solutions. Assuring our community by providing high quality, innovative, professional testing services to help our clients make informed decisions. ERC operates its businesses along specialist service lines. This ensures we have the appropriate technical resources, reporting systems, and holistic service culture that is aligned to the specific needs of our clients.

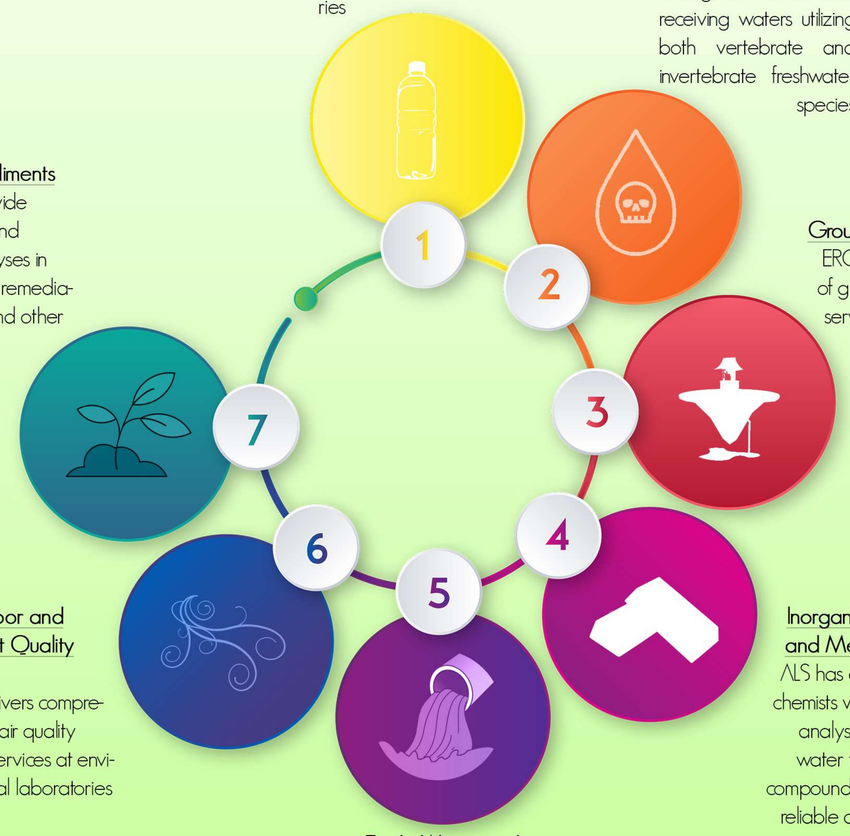
I PERFORMANCE AUDIT
II EMS ISO 14001 TRAINING
III POST AUDIT VALIDATION SERVICES

I-SOILS AND SEDIMENTS
II-COAL AND COKE

I - INDUSTRIAL LIQUIDS EFFLUENT
II- INDUSTRIAL STACK GASEOUS
III- VEHICULAR EXHAUSTS
IV- POTABLE WATER

LOCAL LEADER IN ENVIRONMENTAL ANALYSIS

ERC offers a wide range of ground water, waste water, and drinking water testing and analysis laboratory services in support of site remediation, studies, and other projects.



Drinking Water Testing
ERC offers a full-service drinking water testing facilities at its laboratories

Aqua Toxicity Testing
ERC offers aquatic toxicity testing (WET Testing) in effluent and receiving waters utilizing both vertebrate and invertebrate freshwater species

Ground Water Testing
ERC offers a full range of groundwater testing services at accredited laboratories

Inorganic, Organic and Metals Testing
ALS has experienced chemists who perform analysis of soil and water for inorganic compounds, giving you reliable data for your projects

Trade Waste, and Wastewater Analysis
ERC laboratories provide wastewater analytical services, including accredited testing in accordance with various effluent regulations of local and international corporate.

Air, Indoor and Ambient Quality Testing
ERC delivers comprehensive air quality testing services at environmental laboratories

Soils and Sediments
ERC offers a wide range of soil and sediment analyses in support of site remediation, studies, and other projects

KEY RESEARCHERS

Dr. Yasmin Nergis

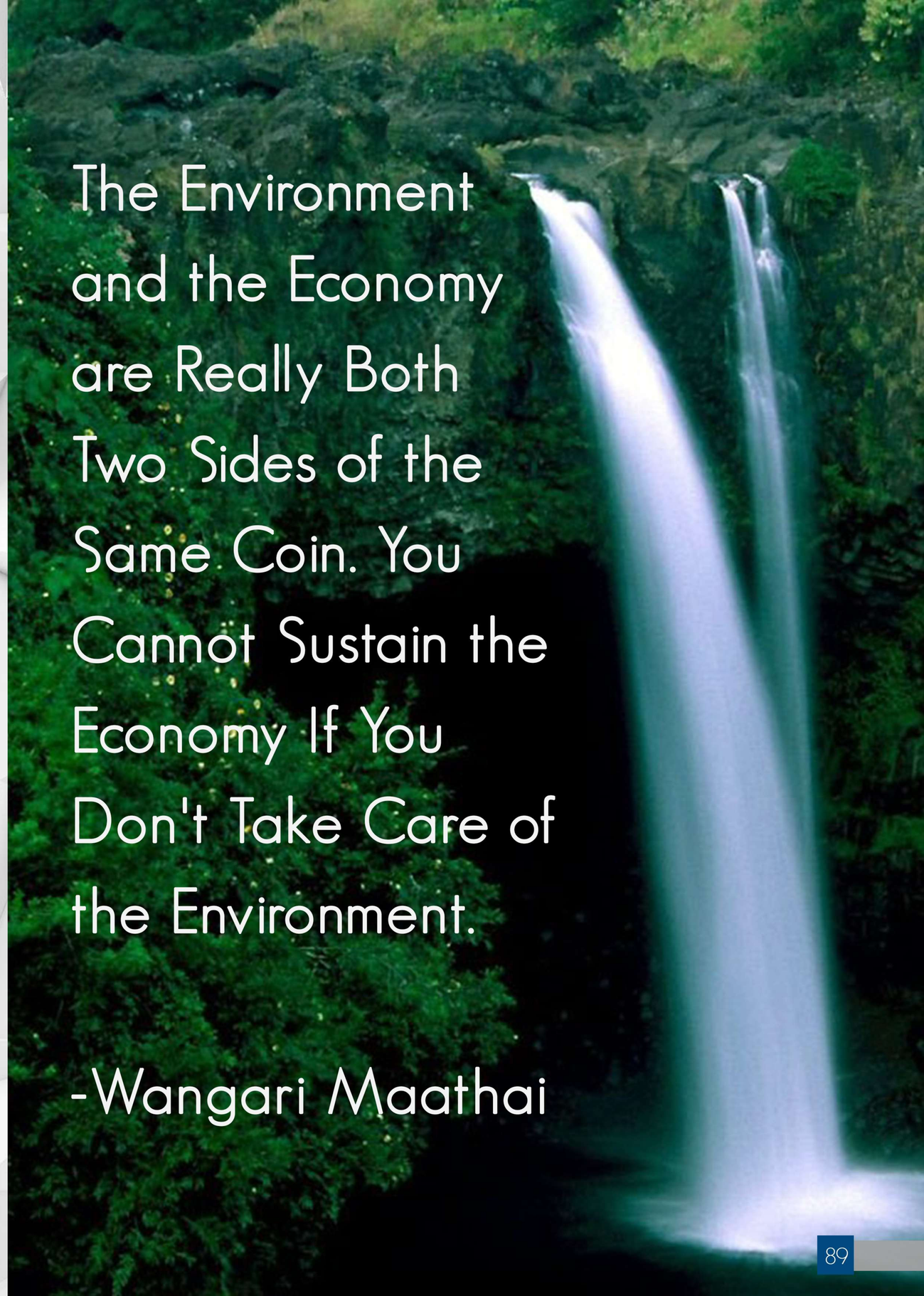
Dr. Nergis was appointed as an assistant professor effective from June 2007 and became Incharge on Jan 2008. Later on 2018 she became HOD of Earth and Environmental Sciences. Dr. Nergis is a qualified Environmentalist with more than 25 years of technical, teaching and managerial experience in education, environment, health, and safety sector. She has founded Hydrochemistry Lab with collaboration of Tubingen University Germany at Hamdrad University Karachi a first of its kind research and commercial lab in Pakistan in 1993 and was its Incharge of Laboratory till June 2007. So far she has earned two research projects one from HEC in 2008 on ecosystem profiling of Sindh east, and one from DRD on Thar Coal exploration in 2010. She has published more than thirty research articles in journal of national and international repute. More than one hundred commercial studies project are on his credit so far across the multi environmental challenges.

Mughal Sharif

Mr. Mughal has joined the ERC on January 1st, 2008. He has diversified experience carry over from his last assignment at Hamdard University. He has working for various environmental issue resolution in Textile, Pharmaceutical, Steel and Power Generation sector in Pakistan. So far he has been published more than twenty research articles in journal of international reputes on various environmental issues. Besides teaching, he fulfilled verities of assignment in Environmental Research Center. He did worked on HEC awarded project as a Co-Principal Investigator and completed on 2012. Currently, he is working for expert capacity building in Environmental Research Center to conducting Environmental Impact Assessment and Initial Environmental Examination studies and accreditation of Research Center.

Jawad Abdullah Butt

Mr. Butt joined the ERC on March 2016. He has more than 13 years' experience in the field of environment. He has published so far five research articles in his credit. His international experience in SGS Gulf Limited (UAE) from December 2012 to February 2016, gave him confidence of innovative ideas to apply at local environmental conflicts. He has conducted more than five hundred environmental performances studies in local and multinational corporate so far.

Ahmad Jamil Qureshi

Mr. Jamil Qureshi joined the ERC on July 2013. He is serving ERC as Scientific Officer. His expertise area is environmental impact and soil remediation. He has published one research article so far in journal of international recognition. While Mr. Jamil Qureshi working on environmental performance of industrial emissions and post-performance audit.