



INTRODUCTION

Duhok-Eco is a consultancy bureau developed by team of experts in the field of environmental impact assessment in Iraqi Kurdistan, based in Duhok governorate, licensed by Ministry of Environment of Kurdistan region of Iraq, (KRI).

Duhok-Eco provides a wide-range of studies, researches, and EIA training for numerous companies, institutions, NGOs, and other agencies, with a good database of EIA publications, and resources as EIA documents. In our consultancy for environmental issues, we are taking in consideration Iraqi and Kurdistan region Government (KRG), Environmental legislations, World Bank, and other relevant agencies accordingly analyzing the environmental, Socio - economic impacts assessments, through mitigation procedures to conduct a sound base Environmental Management Plan "EMP".

Topographic and Geodetic Surveys using high-production GPS surveying techniques such as total station and satellite GPS.

Geotechnical, Engineering Consultancy & Construction Labs / Member of United Engineering.

Duhok- Eco & its partners, conduct preliminary site characterization and feasibility studies; integrated geophysical site surveys; drilling, sampling, and in-situ testing, high quality laboratory testing of soil, rock, and construction materials, detailed geotechnical analysis and foundation design, foundation and structural instrumentation; research and consultancy services.

Geotechnical Engineering Services

- ❖ Foundation, pier and piling design
- ❖ Laboratory testing for construction materials and soils,
- ❖ Environmental geology and drilling services
- ❖ Roads, highways, Tunnels, pavement design
- ❖ Earth and rock-fill dams and embankments
- ❖ Pile Monitoring and Load Testing
- ❖ Cathodic Protection



The scope of services is wide and range from geotechnical investigation, to more sophisticated development and design of unconventional structural systems such as reservoirs, dam's, tunnels, pipelines.

Materials Engineering Services	NDT Engineering Services
Quality Control (QC) and Quality Assurance (QA)	NDT evaluation techniques
Concrete Rehabilitation Studies	Corrosion monitoring
Pavement Evaluation Services	Ground-Penetrating Radar
	Pulse Echo and Sonic Measurements
	Gamma-Gamma Density Logging

DUHOK-ECO MANAGER

MR. Ramadhan Hamza Mohammed

Graduated with B. Sc in Geology 1978, from the University of Mosul, Iraq. Obtained his PGHD degree in the field of Geospatial Information System (GIS) and Cartography from the same University in 2007.

During the period 1978-1991, Mr. Mohammed has been working as a Site Engineer then Resident Engineer of the Dam site geo technical investigations, and Dams construction, Ministry of Irrigation, State Organization of Dams SOD, he was directly managing a large number of diversified Geological-engineering works including Tunnel excavation and lining, Grouting works, Construction material Quarries, and Laboratories tests, Dam instrumentation and Seismic background of dam sites.

During the period of 1992-2000, he joined the Ministry of Agriculture and Irrigation, as a Director of Water well company and underground water Authority in Duhok. In 2001, he joined University of Duhok; he took the post of director of Scientific Affairs, Culture and Social Center, and now he is director of Health and Safety in Duhok University. During his long practical experience, Mr. Mohammed has been Chairman and member of Board of several construction and Environment organizations and J.V companies in Iraq and NGOs. He published more than 35 papers and technical reports and one book.

His main research interests are Environmental Impact Assessment EIA, Geo – Environment Seismic and Geotechnical investigation. Now he is the manager of the Duhok-Eco Bureau where he held EIA studies in a number of multimillion USD projects.



EIA & SIA studies, Waste & Waste Water Management Unit
Design and installation, Geo-Environment - GIS maps - Geo-
technique & Seismic Consultation

Email: duhokeco@yahoo.com

Mobile No. 009647504591810

Facebook: www.facebook.com/Duhok.Eco

Experiences:

1- Oil and Gas Investigations

- EIA and SIA reports of Sangaw North Block for Rudall Blanchard Associate (RBA) London – England (completed and approved)
- EIA and SIA reports for Duhok Block is in negotiation with the client in USA.
- EIA and SIA reports for west Qurna oil field, in Basra Governorate in negotiation with the client in England.
- EIA and SIA reports for Kurdamir 2 Oil field in Sulaimania Governorate in negotiation with the client in USA.

2- Dam Construction

- EIA and socio-Economic Report of Khabour River Basin Dam for DIMAR Company (Romania - Bucharest) (Completed and Approved)

3- Bottled Water Plants

- EIA studies for bottled water plan for (16) projects.

4- Construction and multi-stories complexes

- EIA studies for (25) projects.

5- Waste Water Treatment Plant WWTP.

- EIA studies for (14) residential and industrial projects.

6- Industrial Projects

- EIA studies for (13) different industrial projects (Juice Factory, Ice Cream Factory, Pastries Factory, Cellophane Factory, Soap and Detergent Factory, Battery Recycling, Perform Factory and Aluminum Panels Factory.
- Stone quarrying (2), dredging project on Tigris river (1), Concrete Block (1).

7- Agriculture Projects

- EIA studies for (5) poultry breeding chicken meat projects.

8- Seismic Assessment Studies

- Seismic assessment studies for (2) projects.

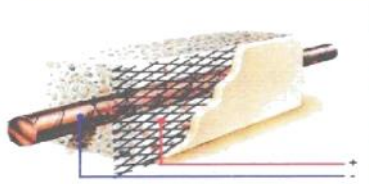
9- Conducing Training, presenting seminars on importance of Environmental Impact Assessments



10. Preparing primary design, work & Report of Altun Kubri and Dubis districts Sewage system, Kirkuk Governorate / Iraq.



DUHOK-ECO & ITS PARTNERS conduct preliminary site characterization and feasibility studies; integrated geophysical site surveys; drilling, sampling, and in-situ testing, high quality laboratory testing of soil, rock, and construction materials, detailed geotechnical analysis and foundation design, foundation and structural instrumentation; research & consultancy services.



Geotechnical Engineering Services

- Foundation, pier and piling design,
- Laboratory testing for construction materials and soils,
- Environmental geology and drilling services,
- Roads, highways, pavement design,
- Earth and rock-fill dams and embankments,
- Pile Monitoring and Load Testing,
- Cathodic Protection.



DUHOK-ECO

EIA & SIA studies, Waste & Waste Water Management Unit
Design and installation, Geo-Environment - GIS maps - Geo-
technique & Seismic Consultation

Email: duhokeco@yahoo.com

Mobile No. 009647504591810

Facebook: www.facebook.com/Duhok.Eco