



MAPCOM PROFILE



MAPCOM

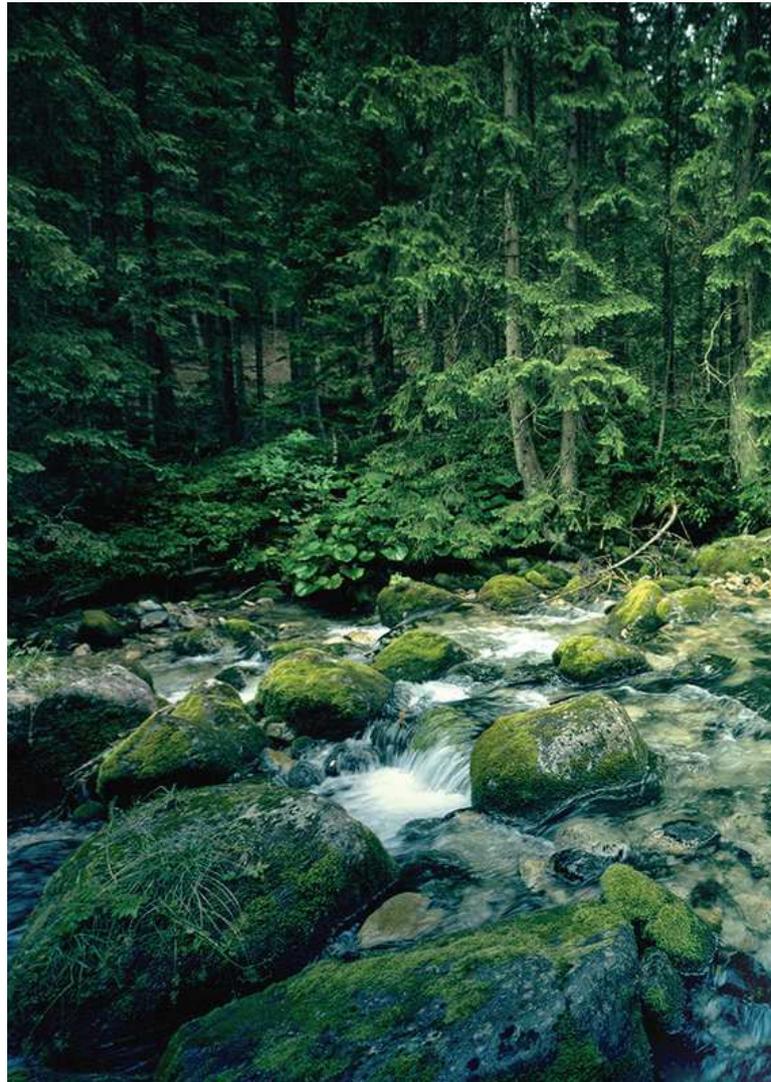
WELCOME

Lets us help
makes your ideas
become true.

WHO WE ARE?

MapCom established its company in 2006 located in the Kurdistan Region of Northern Iraq which is an independent local company providing engineering services including Environmental, Waste Management, Topographic Land Survey & Designing, GIS & Mapping and Laboratories (Scientific Tests and Sampling Analysis).

MapCom is a company of proven professionals and caring, conscience people; they are trustworthy and hardworking staff. We are registered with KRG and MNR for environmental and Topographic Land Survey consultancy.



SERVICES

ENVIRONMENTAL SERVICES

MapCom environmental team has extensive experience in providing a range of environmental services to both Kurdistan Region Government and private clients in the region. Our experienced and qualified project team has involved in several environmental services related projects across the region in the following environmental discipline.





ENVIRONMENTAL IMPACT ASSESSMENT

EIA

The assessment of the environmental consequences of a plan, policy, program, or actual projects prior to the decision to move forward with the proposed action.



ENVIRONMENTAL, SOCIAL, AND HEALTH IMPACT ASSESSMENT

ESHIA

The assessment of the environmental consequences of a plan, policy, program, or actual projects prior to the decision to move forward with the proposed action.





SOCIO-ECONOMIC ENVIRONMENT

The social science that studies how economic activity affects and is shaped by social processes. In general, it analyzes how societies progress, stagnate, or regress because of their local or regional economy, or the global economy.



ENVIRONMENTAL BUSINESS SPECIALIST

EBS

An independent wastewater training and consulting company providing unique solutions to a variety of operational and training challenges facing industrial wastewater professionals.

ELECTROMAGNETIC PULSE

EMP

Short burst of electromagnetic energy. Such a pulse's origination may be a natural occurrence or man-made and can occur as a radiated, electric, or magnetic field or a conducted electric current, depending on the source.



ENVIRONMENTAL MONITORING AND MANAGEMENT PROGRAMME

EMMP

Tool to proactively manage and confirm that impacts of dredging, reclamation and other marine construction activities do not exceed the stipulated Environmental Quality Objectives (EQOs) for the project.

ENVIRONMENTAL IMPACT REPORT

EIR

It identifies and examines the likely environmental effects of the continuing operations of an existing facility or those of a proposed project, and proposes measures to avoid, mitigate, or offset them. An EIS is only a part of EIA process and not its definitive product.

RESPONSIBILITY

To support development activities in Kurdistan, MapCom has developed a strong local and international scientific team with working knowledge of local regulatory requirements, customs, and operational needs. Combining local and international team contingent is then closely supported by our network of internationally recognized technical experts with considerable experience in the region. This team is comprised of cultural analysts, geologists, biologists, archaeologists, and regulatory analysts and is in place with roles and responsibilities clearly defined.



QUALITY

MapCom team has extensive experience and a proven track record supporting multiple petroleum operators in the Kurdistan Region. We have a strong understanding of contractual obligations contained in Production Sharing Contracts (PSCs) and Kurdistan Regional Government (KRG) Ministry of Natural Resources (MNR) requirements and expectations required to be successful.

Our team structure combines local management, expertise, knowledge, and resources with international expertise, Quality Management/Quality Assurance, and international best practices. This unique approach provides our clients with assurance that regulatory compliance and international best practices are incorporated through the process providing strong quality and compliant results.



TOPOGRAPHIC & LAND SURVEY DESIGN

We have three experienced and well-trained survey teams consist of all specialties necessary for surveying and designing.

- Survey Consultants
- Survey Engineers
- Draftsman & Designer
- GIS Specialists
- Surveyors
- Technicians
- Labors

CAPABILITY

Survey Department owning modern and advanced survey equipment, also using latest versions of designing software, Surveying (ground control and utility surveys) has been an integral part of MapComservice team since the company was formed in 2006. The survey services that MapCom provides encompass all aspects of the survey profession., the general characteristics for survey works and any other specific survey works may the client require. Topographic Survey & Designing.

CHARACTERISTICS

Below are the general characteristics for survey works which MapCom can provide but not limited: 1.Precise and High Accuracy Topographic (Land) Survey 2.Access Road Survey & Designing 3.Well Site & Camp Site Survey & Designing 4.Installing Ground Control Points & Bench Marks 5.Survey and Designing of Oil and Gas pipeline Route/alignment 6.Calculation of earth works, bill of quantities 7.Desktop Survey Study, using 3D Models, based on DEM laid on High Res Sat-Image 8.Survey QA/QC 9.Mapping & Engineering 10.Third Party Topographic Survey Consultation,

Supervision and Checking 11.High precision and RTK/GPS services including: 12.Ground control surveys for photogram metric projects, including Airborne GPS. 13.Differential GPS (DGPS). 14.Boundary and cadastral surveys. 15.Total station topographic surveys. 16.Surveys under hazardous environmental conditions. 17.Monitoring projects for structural movement. 18.Construction and cross-section surveys (from road design to precision layout and quality control).

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WASTE MANAGEMENT

MapCom team has experience in providing waste management services to public and private sectors in the region since 2013. We work in collaboration with International Oil Companies (IOCs) as well as International Environmental Engineering Companies to re-innovate our concept of waste management through not burial nor incineration, but through recycling. Our contemplated waste management plan is fully and successfully effective in workplace area, particularly in the field operation, thus supporting IOCs with their hydrocarbon exploration and production activities.

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CORE SERVICES

- Waste Management Plan (WMP) Preparation
- WMP Implementation
- Coordination
- Waste Asset/Item (i.e. Dumpster, bins, barrels etc.) Services
- Waste Pick-up Services (Waste Transportation Services)
- Waste Recycling Facilities
- Waste Storage Facilities
- Waste Incineration Service
- Waste Water Service
- Waste Tracking (GPS)
- Record & Documentation
- Waste Management Service Monitoring



STRATEGY SOLUTIONS

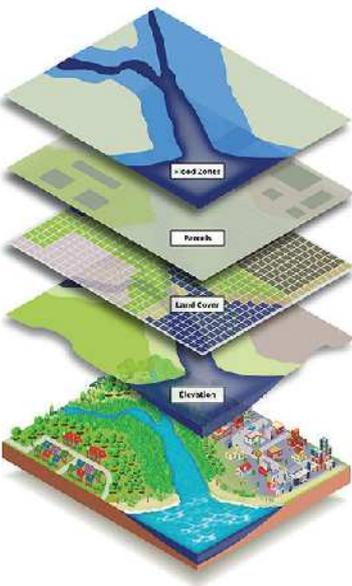
We have found several recycling strategy solutions, working hard to eliminate any waste to be buried with our recycling approach. Our aim is to maximize the benefits of recycling in the region as well as contributing the waste management culture among companies, residential area and government.



GIS & MAPPING

MapCom is aware of progress client's ability to make statistic-constructed decisions. With many years' experience in the GIS field, MapCom is capable of providing standard and up to date applications in both local and international firms in the Kurdistan Regional Of Iraq.

Our GIS team having a many years of experience and qualified, participated in ESRI training courses and have international certifications.



SOFTWARE:

We use the following soft wares (Arc GIS, Map Info, ENVI, Surfer ... etc.)

DATA

- We have a huge archive in both raster and vector data for whole Iraq (Satellite Imagery, Topographic maps, Geological maps, Base maps, DEM...etc.)
- Various layers (Road Networks, Rivers, Lakes, Governorate centers, City Center, Villages, Boundaries, etc.)

ACTIVITIES & PROJECTS

- Detailed base map for Iraq and Kurdistan Region.
- Exploration licenses and oil fields map for Kurdistan Region.
- Guide maps for (Erbil, Duhok, Sulaiymanyah and Kirkuk) cities.
- Land use maps (Desktop Study) for several of Kurdistan Oil Blocks, (Digitizing and Analyzing High Res Satellite Image).
- Designing and Printing, Various types of maps according to client's demand.
- Provision of Satellite Image, DEM, Digital GIS data.



LABORATORIES

MapCom Company owns a Laboratory equipped with high quality precise and modern devices, all are from most internationally known brands which all are certified that their results are accurate, our lab equipment are periodically maintained and calibrated, also MapCom owns weather stations for monitoring, measuring and recording most of weather climate parameters. MapCom Lab capable of testing and analyzing most of environmental receptors such as and not limited;



INTERNATIONAL LABORATERIES

MapCom will utilize an international laboratory with required certifications and accreditations to perform required sample analyses. Our team has developed and will utilized a sampling strategy and approach which has been proven successful in satisfying MNR, PSC needs and has also provided sufficient coverage and understanding to document baseline conditions under other EIAs completed by the MapCom Team.

LABORATORIES QUALITY



WATER QUALITY

We are analyzing water samples for physical, chemical, and biological parameters, we are able to analyze water samples for more than 21 parameters, some of them can be analyzed directly in the field using our mobile lab, and other parameters in our main lab



SOIL QUALITY

In our main Lab we are analyzing soil samples for more than 14 parameters, some of them can be analyzed.



AMBIENT AIR QUALITY

In our Lab. we are analyzing gaseous pollutants for more than 15 parameters, some of them can be analyzed directly in the field using our mobile lab, and other parameters in our main lab.



NOISE QUALITY

In field Noise measurement using Noise Level Metre (Integrating and Logging Sound Level Meter).

PROJECTS

ENVIRONMENTAL PROJECTS

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TOP SEVEN ENVIRONMENTAL PROJECTS

NO.	DATE	CLIENT	PROJECT NAME	BLOCK/LOCATION
1	Sep. 2013	ESBS & ESIA FOR 2D SEISMIC SURVEY BARANAN EPLORATION BLOCK	TOTAL E&P KURDISTAN	SULAIMANY
2	Apr. 2013	EIA FOR BAESHIQA BLOCK "PSC" DRILLING AND WELL TESTING OPERATIONS	EXXONMOBILE	DUHOK
3	Sep. 2017	DNO	EIA-HAWLER ₁ - WELL SITE TRACK & ERBIL 2 WELL INTERVENTION OPERATION ERBIL PSC	BENANAN-ERBIL
4	Jun. 2017	QAIWAN GROUP	ESIA- NG BRANCH PIPELINE KOR MOR TO BAZIAN POWER PLANT	SULYAMINIAH
5	Jul. 2016	ORYX PETROLIUM	MASTER ESHIA – HAWLER BLOCK	ERBIL
6	Sep. 2014	GULF KEYSTONE PETROLEUM LTD	ESIA SHAIKHAN ₁₀ -F(SH ₁₁ -)	DUHOK
7	Jul. 2013	OIL SEARCH	EIR STUDIES FOR BLOCK K ₄₁	SULAIMANY

PROJECT FIELD GALLERY



TOPOGRAPHIC & LAND SURVEY DESIGN

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MapCom have extensive experience working in Kurdistan and Iraq for Local and multinational Oil & Gas companies. MapCom more recently undertaken the following similar activities, all has been performed in typical time and been approved by the clients.

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TOP SIX TOPOGRAPHIC AND LAND SURVEY DESIGN PROJECTS

NO.	DATE	CLIENT	PROJECT NAME	BLOCK/LOCATION
1	2013 Current	EXXONMOBIL	LAND SURVEY AND DESIGN OF CONSTRUCTION ROAD & OIL WELL PAD AND CAMP OF ALL EXXONMOBIL BLOCKS: BAASHIQA, ALOUSH, PIRMAM, QARAHANJER & BETWATA BLOCKS	KRG-ERBIL, DUHOK, KERKUK & SULIMANIAH
2	2015 Current	DNO	LAND SURVEY AND PRE SURVEY OF ALL BLOCK IN TAWKE ,BANINAN & BASTORA, WITH CALCULATE AREA OF LAND, OWNERSHIP OF THE ALL LAND USED BY DNO	KRG-ERBIL & DUHOK
3	2010 Current	KAR GROUP	SURVEY AND DESIGN OF 185 KM LENGTH MAIN KURDISTAN PIPE LINE TO CONNECTING CPS KHURMALA OIL FIELD TO FISHKABUR DUHOK	KRG-ERBIL & DUHOK
4	2015	ELSEWEDY CABLES CO.	LAND SURVEY OF 5 DIFFERENT LOCATIONS IN KURDISTAN/IRAQ FOR CONSTRUCTION OF CABLE LINE OF POWER SUB-STATIONS 33KV & 132KV. IN ERBIL AIRPORT, MAJIDI MALL, GRD JUTEAR, DUHOK & AKRA	KRG-ERBIL & DUHOK
5	2015-2014	ZOZIK CO.	TOPOGRAPHIC SURVEY SERVICES FOR ACCESS ROAD, WELL PAD AND CAMP SITES & SURVEY NEW WATER PIPE LINE BM IN HALABJA AND SULIMANIAH	SULAIMANY
6	2015-2014	NTI. USA	LAND SURVEY IN TAWKE BLOCK NEW OPF CAMPS AND ROADS ALSO SURVEY NEW CAMP SYRIAN DEPORTEES IN DOMIZ CAMP	KRG-ERBIL & DUHOK

PROJECT FIELD GALLERY



COMPLETED PROJECTS



+361
ENVIRONMENTAL STUDY



+674
TOPOGRAPHIC SURVEY



+1368
GIS PRODUCTS

CLIENTS



ExxonMobil



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