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Sazeh Pardazi Iran Consulting Eng. Co.

Over 28-year history of Sazeh Pardazi Iran Consulting Engineering Co. (SPI) since its establishment in 1989, we have always intended to remain on a balanced and sustainable growth path, rely on our advanced technical knowledge, enjoying talented staffs and having a positive attitude to the future and a willingness to challenges. In this way, we always try to keep in mind the sense of responsibility to our collaborators and clients, understanding of facts and respect for humanity. And now, with 500 completed projects in Iran and overseas, with hope to a bright future, we are still thinking on development.

ENDEAVOR FOR A BETTER FUTURE





ENDEAVOR FOR A BETTER FUTURE

After the revolution in Iran and by the end of the war, the enormous task of reconstruction of economical infrastructures, and agro-industrial construction, specifically oil & gas industries which had been faced with destruction during the war, fell on the shoulders of experts.

In such an atmosphere and by effort of a team of specialists who were involved in governmental body as engineering design teams, SPI was born.

This team with a deep belief to the motto "**we can**" began the activities in the field of engineering of major national project and from the beginning, attempted to access to global level in implementation of projects, as far as nowadays, the level and quality of services provided by SPI, approved with our international partners.



More than a quarter century of experience in engineering, scientific and technical methods and high dynamic management staffing, in addition to ensuring the success and reputation locally, led us to expand our activity beyond the borders in order to achieve more honors in global engineering.

Today, with base motto of **“endeavor for a better future”** we will do our best to contribute in creating a better future.

Aliakbar Hafezi
Chairman



Ports, Coasts & Marine Structures

Access to open seas, and taking advantage of Ports, is valuable for any country.

Having 5,000 km of coastline in the country, and the need to perform engineering studies related to coasts in the country, on the other hand, are strong reasons for creating this department at the founding of the company. We facilitate the complexity of the study of marine phenomenon that is requirement for designing of marine structures, with up to date knowledge and international softwares, and now, having experiences of dozens of the largest port projects in the country, we have still serious expression to be active in the country and overseas in marine projects.

- Ports Master Planning and Management plans
- Ports Development plans
- Ports structures, breakwaters, jetties, Dredging, Reclamation
- Hydrodynamic and Hydraulic studies
- Onshore structures and facilities
- Mathematical modeling of waves, sedimentation, pollution dispersion
- Marine geotechnical studies, land reclamation
- Integrated Coastal Zone Management (ICZM)
- Sea water Intakes and outfalls
- Shipyards, Dry docks

Project Title: Repair of Commercial Berths of Boushehr Port
Client: Ports and Maritime Administration of Boushehr Province
Location: Boushehr





Ports, Coasts & Marine Structures



► Project Title: **Shahid Beheshti Port Development**
Client: **Ports and Maritime Organization**
Location: **Sistan & Baluchestan Province-Chabahar**



▲ Project Title: **Master Plan and Basic Design of Parsian Industrial Port**
Client: **IMIDRO**
Location: **Hormozgan Province-Parsian**





Sample Projects

Commercial, Oil and Industrial Ports Development

Shahid Beheshti Port Development	Chabahar
Anzali Port Development	Anzali
Feasibility Study & Conceptual Design of Shahid Rajaei Port Development (Phase 2 & 3)	Bandar Abbas
Feasibility Study & Conceptual Design of Pars Petrochemical Port	Assaluyeh
Grain Terminal Development of Imam Khomeini Port	Khouzistan
Master Plan & Basic Design of Parsian Industrial Port	Hormozgan
Iran LNG Marine Facilities	Assaluyeh
Kosar Terminal Development of Bushehr Port	Bushehr
Onshore Buildings & Hinterland Development of Shahid Beheshti Port	Chabahar
Rehabilitation of Infrastructures & Hinterland of Bushehr Port	Bushehr
Floating & Ro-Ro Berths of Shahid Bahonar Port	Bandar Abbas
Oil Jetties of Shahid Rajaei & Persian Gulf Ports	Bandar Abbas
Reclamation, Hinterland Preparation & Access Road of Noshahr Port	Mazandaran
Design Control & Supervision on Investing projects of Negin Island	Bushehr
Supervision on Investing projects in Shahid Rajaei Port	Hormozgan
Supervision on Investing projects in AmirAbad Port	Mazandaran
Supervision on Investing projects in Anzali Port	Anzali

Fishery and Small Multi-Purpose Ports

Small Multi-Purpose Ports	Persian Gulf & Oman Sea
16 Floating Berths for "Search & Rescue (SAR) Vessels"	Southern & Northern Ports of Iran
New Oil Jetty of Gulf Agency Company	Khouzistan
Development of Bahregan & Nakhilou Service Ports	Hormozgan & Bushehr
Development of Kharg Island Service Port	Kharg Island
Rehabilitation of Export Jetty at Siraf Port	Bushehr
Military (NAJA) Ports in Bandar Abbas, Bushehr & Chabahar	Persian Gulf & Oman Sea
Great Tonb Island, Shahid Bahonar & Shinas Military Ports	Persian Gulf
Assaluyeh, Rishahr & Majidieh Military Ports	Persian Gulf
Sirik Multi-purpose Port	Hormozgan
Jask Multi-purpose Port Development	Hormozgan
Kangan Multi-purpose Port Development & Rehabilitation	Bushehr
Astara Multi-purpose Port Development	Giulan
Fereidunkenar Multi-purpose Port	Mazandaran
Bandar Abbas Fishery Port	Hormozgan
Dargahan Fishery Port	Qeshm Island
Kong Fishery Port Development & Rehabilitation	Hormozgan
Salakh Fishery Port	Qeshm Island
Gooksar Fishery Port	Hormozgan
KuhMobarak Fishery Port	Hormozgan-Jask
Abumusa Multi-purpose Port Development & Rehabilitation	Abumusa Island
Anzali Fishery Berths	Anzali
Floating Berth & Security Facilities Repair & Development	Oman-Musandam Peninsula-Khasab
Basic design, Repair & Maintenance studies of Shannah Sea Harbour	Oman-Masirah Island-Shannah
Sadra Omid, Koohin & Karoun Shipyard Complex Development	Persian Gulf & Oman Sea

Master Plan of Ports and Coastal Zones

Iran's Integrated Coastal Zone Management (ICZM)	The Whole Iranian Coastline
Integrated Coastal Zone Management (ICZM) of Hormozgan Province	Hormozgan
Update & Review of Iranian Commercial Ports Master Plan	Commercial Ports of Iran
Iranian Fishery Ports Master Plan	Fishery Ports of Iran
Kish Island's Coastal & Environmental Management Master Plan	Kish Island
Farour Islands Coastal & Environmental Management Master Plan	Persian Gulf
Feasibility Study of Fast Ferry Services Linking Omani Ports to Regional Destinations	Oman Sea & Persian Gulf Ports

Design & Supervision of Ports Structures, Facilities and Utilities Rehabilitation and Improvement

Repair of Commercial Berths of Bushehr Port	Bushehr
Repair of Berths No.1 to 10 of Anzali Port	Anzali
Maintenance & Repair of Buildings & Utilities of Commercial ports	Bushehr
Rehabilitation of Logistics Berth of Iranian Offshore Oil Company	Bushehr
Rehabilitation of Commercial Berth of Genaveh Port	Bushehr
Rehabilitation of Commercial Berth of Jask Port	Hormozgan-Jask
Overhaul of Oil Jetty in Bushehr Port	Bushehr

Design & Supervision of Sea Water Intake/Outfall Systems

Mobin Sea Water Intake	Assaluyeh
Seawater Cooling System of Neka Combined Cycle Power Plant	Mazandaran -Neka
Seawater Cooling System of Parehsar Combined Cycle Power Plant	Guilan
Seawater Intake & Outfall System of Qeshm Power & Water Co-Generation	Qeshm Island
Water Intake & Outfall of Thermal Power Plant Development	Hormozgan
Cooling System of Iran LNG Power Plant	Tonbak
Seawater Cooling System of Qadir Combined Cycle Power Plant	Qeshm Island

Modeling

Mahshahr Estuaries Organizing in Petrochemical Special Complex	Khuzistan
Storm Surge Modeling of Southern Coasts of Caspian Sea	Iranian Coasts of Caspian Sea
Modeling of Breakwaters Effects on	Mazandaran
Thermal Pollution Distribution in Neka Region	Mazandaran
AmirAbad Port Siltation Modeling	Mazandaran
Basic Studies of Ramsar Coastal Bypass	Ramsar

Geotechnical Studies and Soil Improvement of Reclaimed Coastal Area

Land Reclamation and Soil Improvement of Petrochemical Complex	Assaluyeh
Land Reclamation & Soil Improvement of Petrochemical Complex	Kharg Island
Land Reclamation & Soil Improvement of Phase13, 22, 23 & 24	Tombak
Dynamic Compaction of Hengam Petrochemical Complex	Assaluyeh
Soil Improvement of Oil Storages Area	Assaluyeh

Planning of Port's Terminals Development

Mechanised Mineral Terminal & Rail Stations	Khuzistan-Imam Khomeini Port
Mechanised Mineral Terminal of Shahid Rajaei Port	Bandar Abbas
Shahid Beheshti Port Development	Chabahar

Research and Development (R & D)

Iranian Concrete Armour (DEZHPD) Development	R&D Project
Criteria Derivation of Rocks for Breakwaters & Dykes	R&D Project
Guidelines for Design & Execution of Dynamic Compaction Method	R&D Project





Ports, Coasts & Marine Structures



- ▼ Project Title: **Master Planning of Iran's Commercial Ports**
- Client: **Ports and Maritime Organization**
- Location: **Main Commercial Iranian Ports**



- Project Title: **Mobin Sea Water Intake**
- Client: **SADRA Company (as GC)**
- Location: **Bushehr Province-Assaluyeh**

- Project Title: **Iranian Concrete Armour Development (R&D Project)**





▲ Project Title: **Anzali Port Development**
 Client: **Ports and Maritime Administration of Guilan Province**
 Location: **Guilan Province - Bandar Anzali**

▼ Project Title: **Kish Island's Coastal and Environmental Management Master Plan**
 Client: **Kish Free Zone Organization**
 Location: **Kish Island**

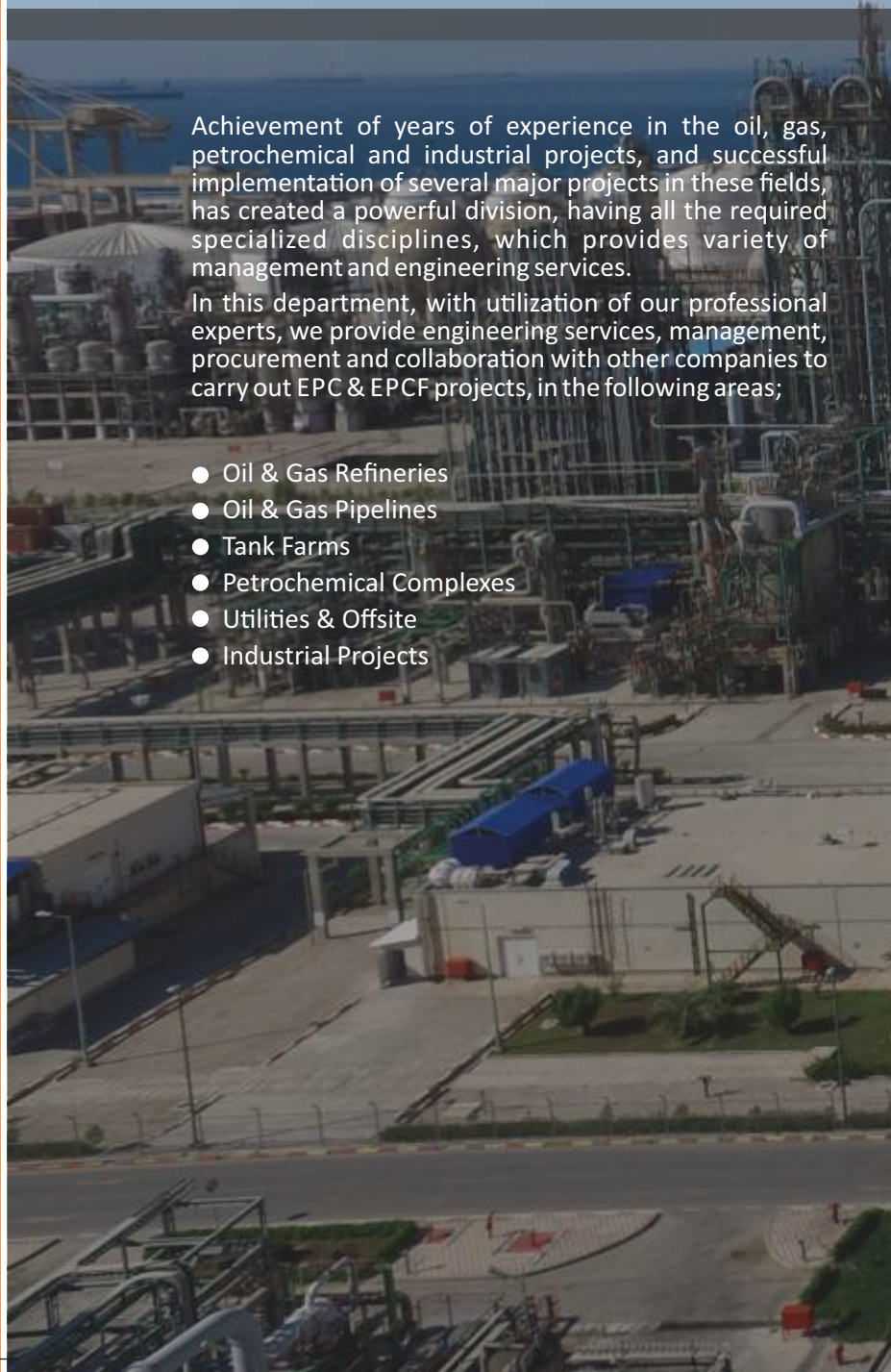


Energy and Industry

Achievement of years of experience in the oil, gas, petrochemical and industrial projects, and successful implementation of several major projects in these fields, has created a powerful division, having all the required specialized disciplines, which provides variety of management and engineering services.

In this department, with utilization of our professional experts, we provide engineering services, management, procurement and collaboration with other companies to carry out EPC & EPCF projects, in the following areas;

- Oil & Gas Refineries
- Oil & Gas Pipelines
- Tank Farms
- Petrochemical Complexes
- Utilities & Offsite
- Industrial Projects







Energy and Industry



- Project Title: **Siri LPG and Condensate Loading Facilities (EPC)**
Client: **OIEC Co.**
Location: **Siri Island**



- ▲ Project Title: **Electrical, Control & instrumentation systems, Phases 15&16**
Client: **Sepanir Oil & Gas Company**
Location: **Assaluyeh**





Sample Projects

Oil, Gas & petrochemical units

Transmission, storage and loading of Mokran petrochemical complexes products	Chabahar
Flare Gas Recovery (FGR), 3 Refineries	Assaluyeh
MEHR Petrochemical Complex	Assaluyeh
Ilam refinery development plan	Ilam
Hormuz urea fertilizer company	Assaluyeh
Electrical, control & instrumentation systems, Phase 13	Assaluyeh
Electrical, control & instrumentation systems, phases 15 & 16	Assaluyeh
Siraf condensate refinery export line & jetties	Assaluyeh
Technical assistance to Offshore Oil company	IOOC Platforms
Qom II Gas Station development	Qom
Azarakhsh bitumen Plant	Bandar Abbas
Khoramshahr bitumen Plant	Khuzestan

Offsite and Utility

Off-Site & Utility, 2nd Phase Petrochemical Complex	Assaluyeh
Utility connection plan for Phase 1 and 2	Assaluyeh
Off-Site & Utility, Styrene Park	Assaluyeh
Mokran Petrochemical complex cooling systems studies	Chabahar
Cooling system, Mobin Water intake	Assaluyeh
Waste water treatment, Petrochemical Complex	Assaluyeh
IRAN LNG cooling system	Tonbak
Cooling system, Gasoline Production Plant	Bandar Abbas
Cooling system, 2nd Phase Petrochemical Complex	Assaluyeh

Pipelines and Tank farms

Mokran feed and product transmission pipeline & corridor	Chabahar
Tank farm, Mokran Petrochemical	Chabahar
Siri NGL pipeline and condensate loading facilities	Siri Island
Gas condensate strategic storage tanks	Assaluyeh
Bandar Abbas oil terminal	Hormozgan
Pipeline and loading facilities of Chabahar port	Chabahar
Ships waste water treatment	Bandar Abbas

Industrial Projects

Darraloo copper mine and concentration Plant	Kerman
Phase III Sungun copper complex condensation development	Sungun
Sungun copper plant, Acid & Oxygen Units	Sungun
Sarcheshmeh fertilizing plant	Kerman
Anode manufacturing Plant	Arak
Aluminum Industry Development Study,	R&D Project
Maadkoush Pelletizing Plant	Bandar Abbas
Factory of granules and ferrite	Qazvin
Transit silos of Bandar Emam Khomeini	Khuzestan
Transit silos of Bandar Noshahr	Mazandaran
Coke factory	Kerman
Facilities and equipment of Parsian Port	Hormozgan

Water Intakes Facilities and Equipment

South Pars gas field development phase 14- water intake	Assaluyeh
Morvarid Petrochemical water intake	Assaluyeh
Qeshm seawater desalination	Qeshm Island
Ghadir Power Plant water intake	Qeshm Island

Infrastructure of Oil, Gas, Petrochemical & Industrial projects

Integrated management and 3D modeling of petrochemical zone	Assaluyeh
Land reclamation & Soil Improvement, Petrochemical site	Assaluyeh
Infrastructures Design & supervision of Kian Petrochemical Complex	Assaluyeh
Land reclamation, Hormuz Urea Fertilizer Company	Assaluyeh
Land leveling and dynamic compaction, 1100 Ha	Assaluyeh
South Pars export jetty	Assaluyeh
Tonbak LNG site preparation	Tonbak
Arg Shimi Parsa Layout & Retaining Structures	Assaluyeh
Infrastructure of facilities and equipment of Chabahar port	Chabahar





Energy and Industry



▼ Project Title: **Flare Gas Recovery (FGR), 3 Refineries**
Client: **POGC**
Location: **Assaluyeh**



► Project Title: **Qom II Gas Station,
Development Plan (EPC)**
Client: **Iranian Gas Transmission
Company**
Location: **Qom**



▲ Project Title: **Tank Farm, Mokran Petrochemical**
 Client: **Negin Mokran Development Co.**
 Location: **Chabahar**

▼ Project Title: **Off-Site & Utility, 2nd Phase Petrochemical Complexes**
 Client: **PIDM Co. / Damavand Petrochemical Co.**
 Location: **Assaluyeh**





Energy and Industry



▼ Project Title: **Darraloo Copper Mine and Concentration Factory**
Client: **NICI Co.**
Location: **Kerman**



▼ Project Title: **phase III Sungun copper complex condensation development**
Client: **NICI Co.**
Location: **Songon**





▲ Project Title: **Maadkoush Pelletizing Plant**
 Client: **Maadkosh Co.**
 Location: **Bandar Abbas**



▲ Project Title: **Anode Manufacturing Plant**
 Client: **IRAL Co.**
 Location: **Arak**



Structure and Architecture

Since establishment, creating a powerful potential for designing of specific industrial projects such as silos, cement factories, power plants, etc. was one of goals of the company. Now by spending successful and glorious 28 years, while we are versed in these areas, with the arrival to the architectural project, a dynamic and professional section has been created to provide basic and detailed engineering and supervision services in the following areas;

- Steel and Concrete silos
- Cement Factories
- Power plants structures, cooling towers
- Roads and Bridges
- Administrative, residential buildings
- Resorts, Hotels, sport centers
- Shopping malls, commercial complex
- Cultural complexes

Project Title: Karaneh Kish Residential Complex
(130,000 Sq.m. Built Space)

Client: BASAK Company
Location: Kish Island





Structure and Architecture



- ▶ Project Title: **Ten Grain Silos in Syria**
(each with 100,000 tons Storage Capacity)
- Client: **G.C.C.S.**
- Location: **Various Cities in Syria**



- ▲ Project Title: **Shahid Jahan-Ara Bridge (Main Span of 144 meters)**
- Client: **Mashin Sazi Arak Company**
- Location: **Khoramshahr**





Samples Projects

General Buildings

Islamic Republic of Iran Parliament's Commissions Building	Tehran
Islamic Republic of Iran Parliament's Library, Museum and Document Center	Tehran
Sorush Residential, Office and Commercial Complex	Sanandaj
Karaneh Kish Residential Complex	Kish Island
Negin Dibaji Residential Complex	Tehran
Kala Residential Complex	Kashan
Norway Ambassador's Residence	Tehran
Headquarter of Tejarat Bank	Ahwaz
Strengthening of Kalay-e Naft Headquarter	Tehran
BR14 Residential and Commercial Complex	Mashhad
Khoramshar New Stadium	Khormashahr
Jahadgaran Sport Complex	Tehran
Narigan Welfare and Office Complex	Yazd
Furniture and Lighting Commercial Complex	Yazd
Arsh-e Ajudanieh Commercial and Recreational Complex	Tehran
Yazd City Center Commercial Complex	Yazd
Imam Khomeini Commercial Complex and Parking Facility	Qom
Meshkat Religious Educational Complex and Nahj-ol-Balaqah International Institute	Tehran
Shohada Square Subways Station	Mashad
Siranband Border Terminal	Kurdistan
Tehran Birds Garden	Tehran
Yazd Dry Port	Yazd

Industrial Complexes

Saipa Vehicle Factory's Sewage Treatment Facility and Chemical Warehouse Steel Structure	Tehran
Saipa Vehicle Factory's Body and Assembly Shop	Tehran
Iran Khodro Vehicle Factory's L90 Trim and Paint Shop	Tehran
Saipa Vehicle Factory's Paint Shop	Tehran
Darkhovien Power Plant	Khuzestan
Alumina Production Factory	East Azerbaijan
Takestan Ferrite and Granule Factory	Qazvin
Central Alborz Charcoal Extraction Mines	Mazandaran
Ardebil Cement Factory	Ardebil
Alborz Cement Factory	Semnan
Montazer-Qaem Power Plant's Cooling Towers	Karaj
Saveh Jam Factory's Chimney	Arak
Kerman Power Plant's Turbine hall	Kerman
Kazeroon Power Plant's Turbine hall	Fars
Kavir Asia Cement Factory	Sistan and Baluchestan

Silos

50,000 tons Wheat Silo	Orumieh
10x100,000 tons Wheat Silos	Various Cities in Syria
50,000 tons Wheat Silo	Khoramabad
50,000 tons Wheat Silo	Sarakhs
80,000 tons Wheat Silo	Gonbad
50,000 tons Wheat Silo	Bijar
100,000 tons Wheat Silo	Garmsar
Steel Wheat Silos in zone 3 of Iran	Golestan and Semnan
50,000 tons Charcoal Silo for Coke Factory	Kerman
50,000 tons Wheat Silo in Noshahr Port	Noshahr
Transit Grains Silo in Imam Khomeini Port	Khuzestan

Roads and Bridges

Railway Station Bridge	Tehran
Piruzi & Sheikh Shushtari Bridge	Abadan
Cable stay bridge to Shadi Island	Ahwaz
Shahid Jahan-Ara Bridge	Khoramshahr
Takhti Stadium Overpass Bridge	Ahwaz
Grade Separations in Assaluyeh Petrochemical Plant	Assaluyeh
Saipa Vehicle Factory Underpass Tunnel	Tehran
Alimohammadi Industrial Complex Access Road	Qom
Iran Khodro Vehicle Factory Underpass Tunnel	Tehran
Widening and Improvement Design for Mehdishahr-Shahmirzad Road	Semnan





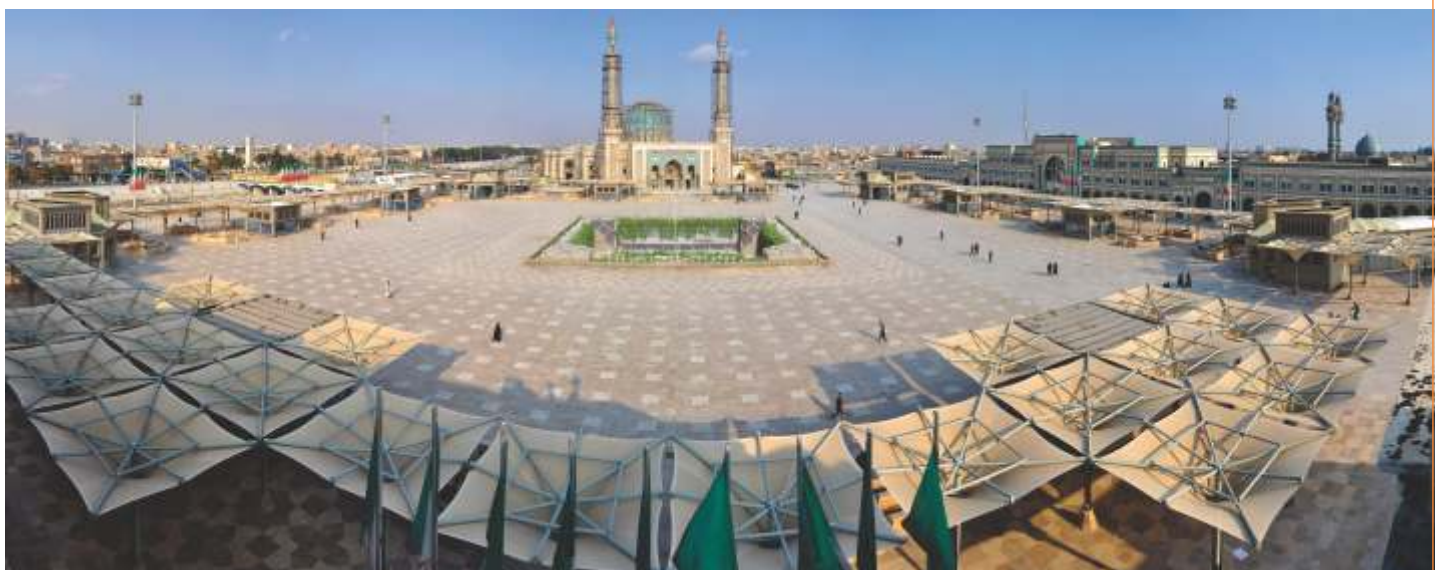
Structure and Architecture



- ▼ Project Title: **Sorush Sanadaj Residential, Office and Commercial Complex (77,000 Sq.m. Built Space)**
Client: **Roads and Urban Development Organization of Kurdistan**
Location: **Sanadaj**



- ▼ Project Title: **Imam Khomeini Commercial Complex and Parking Facility (150,000 Sq.m. Built Space)**
Client: **Municipality of Qom**
Location: **Qom**





▲ Project Title: **Negin-e Dibaji Residential Complex (145 Flats)**
Client: **Moalem Construction Company**
Location: **Tehran**

▼ Project Title: **Ardebil Cement Factory
(2300 tones/day)**
Client: **Ardebil Cement Company**
Location: **Ardebil**





Water and Environment

The importance of water and related engineering fields, led us to have this division since the beginning of the establishment.

Issues related to river engineering , flood management, river and wetland restoration and beautification, dam and hydro-power plants, irrigation networks, water and wastewater treatment and transmission, surface and ground water resources engineering are handled in this department.

In addition, the importance of environmental issues and problems has made this department to focus on environmental engineering services and optimum use of natural resources. The following are the services rendered by this department.

- River Engineering & River Training
- Flood control and protection systems
- Wind farms, renewable energies
- Dams & Hydro power plants
- Waste management, waste to Power
- Irrigation and Drainage networks
- Water and Waste water networks
- Aquaculture complexes



Project Title: 5000 Ha Shrimp Complex
Client: Khuzestan Fisheries & Aquaculture
Department
Location: Abadan





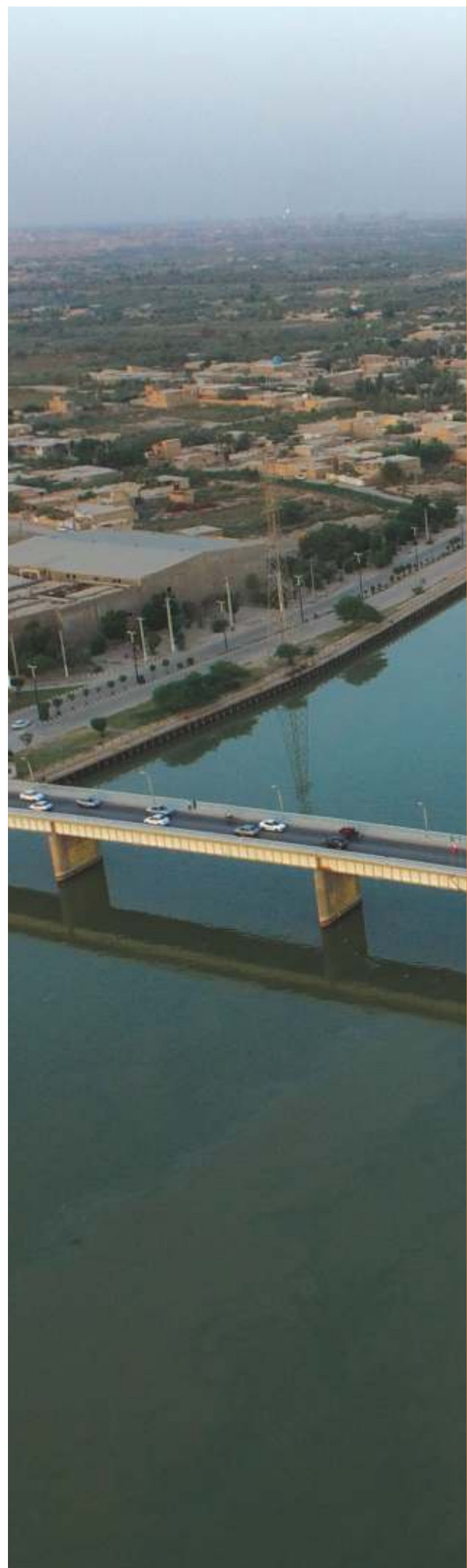
Water and Environment



► Project Title: **Karoun River Dredging**
Client: **Khuzestan Water & Energy Authority Co.**
Location: **Khoramshahr**



▲ Project Title: **Tajan Rubber Dam**
Client: **Mazandaran Water Authority Co.**
Location: **Sari**





Sample Projects

Dams & Hydropower Plants

Potential survey of pump storage power plants for 3 provinces	Kerman-Hormozgan-Khuzestan
Feasibility study of Aledj dam and its irrigation network	Chaharmahal
Feasibility study and Detailed Design of upstream Dam & Navigation Lock of Bahmanshir River	Khuzestan
Detailed design & supervision of Tajan & Pazevar Rubber dams	Mazandaran
Site selection and Design of small reservoir dams in Barajin Park	Qazvin
Potential survey & feasibility study of hydropower plants	Kurdestan-Ardebil
Prefeasibility and feasibility studies of 4 hydropower plants	Charmahal Bakhtiari

River & Wetland Training

Study & Design of Bahmanshir river training and dredging	Khuzestan-Abadan
Feasibility Studies for the effect of riverine mining on downstream of Gotvand dam	Khuzestan
Hydraulic studies of Monorail construction on Ghomrood river & Flood warning	Qom
Feasibility studies of sand and gravel riverine mining potential	Bandarabbas
Studies of inland navigation in Karoon River	Khuzestan-Ahvaz
Bed delineation studies for Karaj river and tributaries	Karaj
Feasibility study and detailed design of Nahr-e-Ghasr river training and fishery port	Khuzestan-Abadan
Feasibility study of sediment balance for Dez and Karoon rivers in downstream of Dez dam	Khuzestan
Bed delineation studies for Bamdezh wetland	Khuzestan
Feasibility study and dam break analysis of Gorganrood river	Golestan
Bed delineation & training study of Shahpoor, Dalaki and Helle Rivers	Bushehr
Bed delineation studies for part of Persian gulf coast	Hormozgan
Bed delineation and feasibility study of Koohpayeh and Kahnooj rivers	Kerman
Feasibility Study of Jajrood River training (from Latian to Mamlou dams)	Tehran
River engineering & training study of Shahrood River	Gilan
Kan river training study & construction supervision in vicinity of Fath bridges	Tehran
Feasibility study & detailed design of Masoule river training and Flood control	Gilan
Design and supervision of Halil and Shoor rivers training and bed delineation	Kerman-Jiroft
Design & Construction Supervision of Karoon river dredging, training and erosion control	Khuzestan-Ahvaz
River engineering study of Gohar Rood and Zar Joob river	Gilan-Rasht
Feasibility study of sand & gravel riverine mining potential of the province's rivers	Kohkiluyeh-Boyerahmad

Flood Control

Kaboodval dam break study and preparation of EAP (Emergency Action Plan)	Golestan
Flood Control, warning and forecasting system of Ghomrood River	Qom
Daregap river flood control	Bushehr
Flood control of Kavir Asia cement factory	Sistan-Balochestan

Irrigation & Drainage Networks

Water quality, sedimentation & drainage system studies of Choebde shrimp breeding complex	Khozestan
Water conveyance Canals of Choebde shrimp breeding complex	Gilan
Fooman Irrigation canals	
Design of 2000 ha. irrigation network of Alej dam	Chaharmahal-Bakhtiari

Water Supply and Transmission

Pump station & water transmission for Sib Tourism Village	Tehran
Water supply system for Chine- Talkhan and Lodab villages	Kohkiluyeh-Boyerahmad
Intake and water conveyance channel to Modhaj power plant	Khuzestan
Management consultant services for rehabilitation and counter balance of ground water resources	Tehran
Artificial lake & transmission line of Emam village	Tehran
Design of irrigation canals of Tehran suburb	Tehran

Water & Wastewater

Flood disposal system of Chadormaloo and Sabzevar	Yazd & Khorasan
Power plants	
Flood disposal system of Kahnooj and Karoon power plant	Kerman & Khuzestan
Wastewater and surface water network of Al-Hindya	Iraq
Water, & wastewater networks	Lavan Island

River Restoration, Beautification & Tourism Development

Restoration & training studies of Darband and Golabdareh	Tehran
Design & Supervision of artificial lake on Ghomrood river	Qom
Barajin River training and beautification	Qazvin
Bashar River training and beautification	Kohkiluyeh
River Training and Beautification of Jajrood river	Tehran, Lavasan
River training and beautification of Zarine-Rood	West Azarbayjan
Tajan river training and beautification	Mazandaran

Environment

EIA studies for 6 Waste transmission stations	Oman
CDM studies of power plants projects	
EIA Studies of Pump Storage Reservoirs	

Standards & Applied Research Projects

Guideline for River morphology studies	
Guideline for Engineering Services of flood control	
Guideline for Levee design, construction and maintenance	
Guideline of erosion and sediment studies for River training	
Rivers Training System Optimization	





Water and Environment



Project Title: **Qomrud Flood Warning System**

Client: **Qom Water Authority Co.**

Location: **Qom**



Project Title: **River Training & Beautification of Jajrud River**

Client: **Lavasan Municipality**

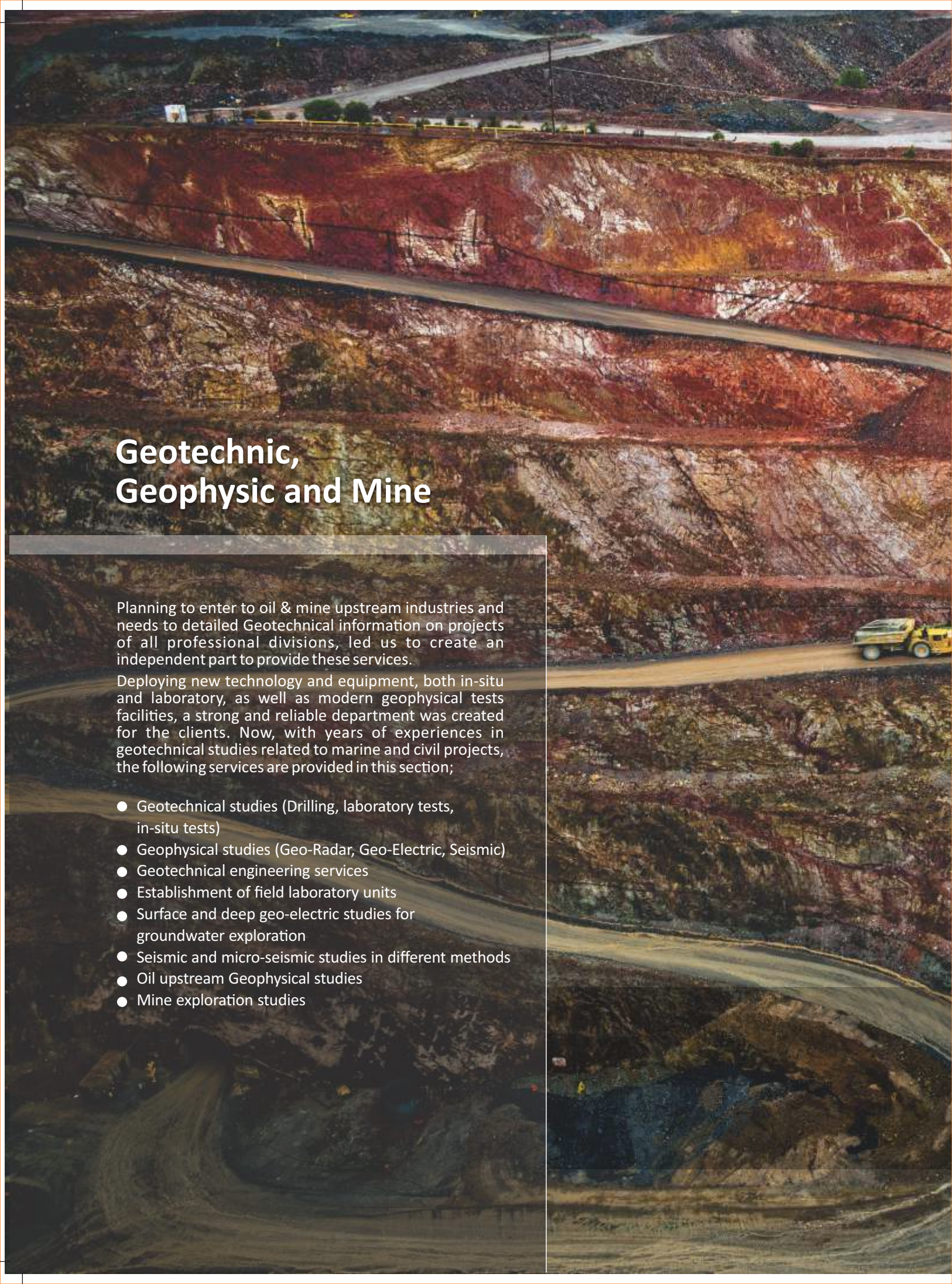
Location: **Lavasan**



▲ Project Title: **River Training of Halil River**
 Client: **Kerman Water Authority Co.**
 Location: **Jiroft**



▲ Project Title: **Flood Control of Darehgap River**
 Client: **Bushehr Province, Genaveh**
 Location: **Genaveh**

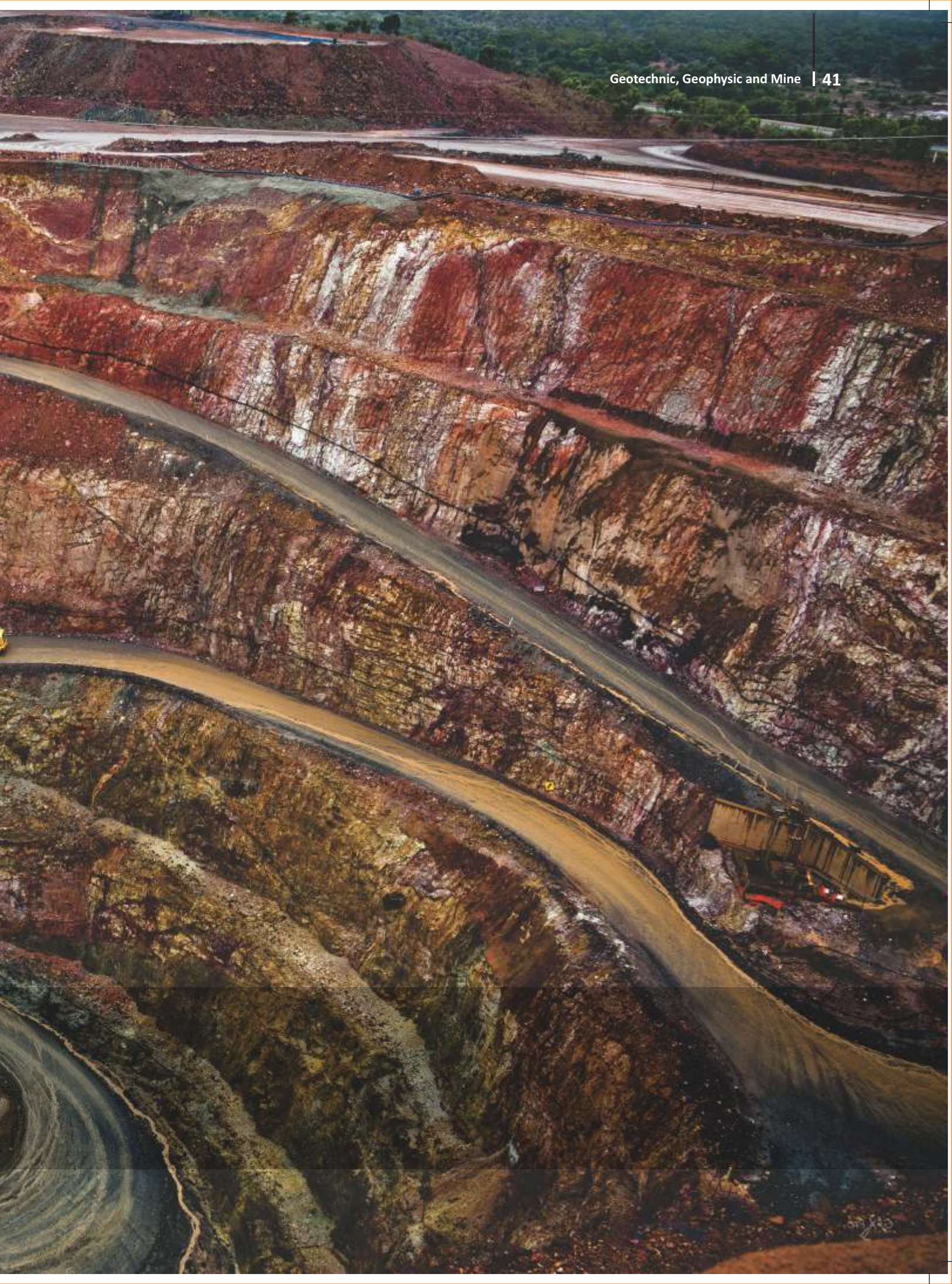


Geotechnic, Geophysic and Mine

Planning to enter to oil & mine upstream industries and needs to detailed Geotechnical information on projects of all professional divisions, led us to create an independent part to provide these services.

Deploying new technology and equipment, both in-situ and laboratory, as well as modern geophysical tests facilities, a strong and reliable department was created for the clients. Now, with years of experiences in geotechnical studies related to marine and civil projects, the following services are provided in this section;

- Geotechnical studies (Drilling, laboratory tests, in-situ tests)
- Geophysical studies (Geo-Radar, Geo-Electric, Seismic)
- Geotechnical engineering services
- Establishment of field laboratory units
- Surface and deep geo-electric studies for groundwater exploration
- Seismic and micro-seismic studies in different methods
- Oil upstream Geophysical studies
- Mine exploration studies





Geotechnic, Geophysic and Mine



- ▶ Project Title: **Dynamic Compaction of Assaluyeh Petrochemical Land (Phase 2)**
- Client: **PIDM Co.**
- Location: **Assaluyeh**



- ▲ Project Title: **Salalah Flood Control Dams**
- Client: **Ministry of Municipalities and Water Resources**
- Location: **Oman - Dhofar - Salalah**





Sample Projects

Geotechnics

Bandar Abbas 100'000 m3 desalination plant	Bandar Abbas
Geotechnic & Geology studies of Omantel Sites	Oman
New Qaftout Flood Control Dams in Salalah	Oman
Lavan Petrochemical Complex	Assalouyeh
Asalouyeh-Shirinoo Site	Assalouyeh
Control Geotechnical Tests of Bushehr Powerplant No.2	Bushehr
Southern Part of Kermanshah Urban Train (Line 1)	Kermanshah
Express Electric train of Pardis New City	Tehran
Salalah Flood Control Dams	Oman
Laboratory Services of Iranian Oil Terminals Co.	Kharg Island
Halil River Training Plan in Jiroft	Jiroft-Kerman
Asalouyeh Platform Yard	Assalouyeh
Gilan water treatment plant	Rasht
Noshahr Port Silos	Noshahr
Building of Songoon Concentration Factory (Phase 3)	Eastern Azarbajejan
Ramsar Coastal Bypass Plan	Ramsar
Study of Management and Engineering of Karaj River Fans	Karaj
Shirinoo Residential Complex in South Pars	Assalouyeh
Alhendieh Sewerage and surface water disposal	Iraq
Lands Reclamation and Construction of access road of Noshahr Port	Noshahr
Parsian Port	Hormozgan
Ramian (Gharachay) Dam	Golestan
Parak and Bonood Ports	Boushehr
Retrofit Evaluation Tests of Tehran Water Reservoirs	Tehran
Zaitoon 250 Units Projects	Tehran
Niavaran Residential Complex	Tehran

Geophysics

Torbat-e-Heydarieh Iron Mine	Khorasan
Shallow water Mud Flow (SWF) - Khazar Oil And Gas	Gilan and Mazandaran
Lavizan Site	Tehran
Irandegan Chromite Mine	Sistan and baluchestan
Chehel Bazeh National Park	Khorasan
Public warehouses of Mahshahr Petrochemical Complex	Khusestan
Iran Khodro Project	Semnan
Fajr Steel Complex	Semnan
Marine Geophysical Studies of Phase 13, 22,23 and 24	Assalouyeh
Ferdoos Steel Complex	Khorasan
Geoelectrical Study of Fatkash Village (Galoogah)	Mazandaran
Mashhad Golbahar City	Mashhad
Ghom Monorail Project	Ghom

Geotechnics -Geophysics

Narigan Mining Area
Sohar Different Sites
Parandak Wind Tunnel Project
Shiraz Airport International Terminal
Masjed Soleyman Petrochemical Complex
Bushehr 2 Powerplant (Construction Supervision)
Azarakhsh Commercial-Residential Complex
Providing basic data for Darkhoein Powerplant
Drainage and Monitoring System of Milad Tower

Yazd
Oman
Tehran
Shiraz
Khuzestan
Bushehr
Mazandaran
Khuzestan
Tehran

Geophysical _Hydrogeological

Underground Water Resources Studies of Tis
Chabahar Cement Company
Yek-O-Yek Factory Project
Deep Water Identification
Narigan Mining Area

Sistan And Baluchestan
Chabahar
Shiraz
Bushehr, Yazd
Yazd

Engineering Geology

Drainage and Monitoring System of Milad Tower
Shahid Alimohammadi Project
Chooman Dam
Land Subsidence in Mashhad Plain

Tehran
Ghom
Kordestan
Khorasan

Seismicity

Veniran Apadana Petrochemical Project
Seismic Micro Zonation in Babol City

South Pars
Mazandaran





Geotechnic, Geophysic and Mine



▼ Project Title: **Shiraz Airport International Terminal**
Client: **CAO**
Location: **Shiraz**



► Project Title: **Kermanshah Urban Train**
Client: **Kermanshah Urban Train Organization**
Location: **Kermanshah**



► Project Title: **Narigan Minig Area**
Client: **Eskam Co.**
Location: **Yazd - Bafgh**





▲ Project Title: **Geophysical Studies of Different Sohar Sites**
 Client: **Fugro Co.**
 Location: **Sohar - Oman**

▼ Project Title: **Different Sites of Omantel Co.**
 Client: **Omantel Co.**
 Location: **Different Provinces of Oman**







Surveying, Hydrography & Photogrammetry

Any design starts with land data and for marine projects with seabed data. Close relation between design team and surveying team, is a necessity. SPI organized well-experienced team equipped by up to dated instruments and facilities to feed design team by any site data needed.

- Ground surveying, topographical map
- Hydrography of seabed, shoreline, rivers and dam lakes
- Map production from satellite images and aerial photos
- Geographical Information Systems (GIS) data base
- Mathematical modeling of ground surface



Surveying, Hydrography & Photogrammetry



▲ Project Title: **Surveying and Hydrography of Sefidrud Dam Reservoir**
Client: **Water Authority of Gilan Co.**
Location: **Gilan Province**





Sample Projects

Surveying and topographic

Darkhoin power plant site	Khuzestan
Kashan Industrial complex	Isfahan
Shiraz- Zarghan railway path	Fars
Mianeh - Ardebil railway path	East Azarbayjan
Lavan residential camp	Hormozgan
Saipa factory yard & sport complex	Tehran
Mehdishahr - Shahmirzad road path	Semnan

Surveying and Hydrography

Bahmanshir river	Khuzestan
Sirik port	Hormozgan
Persian Gulf coastal zone	Hormozgan
Mahshahr petrochemical estuary	Khuzestan
Shahid Rajaei port	Bandar Abbas
Khark island	Hormozgan
fisheries port of Kouh Mobarak	Hormozgan
fisheries port of Dargahan	Hormozgan
fisheries port of Tonkabon	Mazandaran
Bushehr harbour	Bushehr
Madjidieh Harbour	Khuzestan
Genaveh port	Bushehr
Noushahr port	Mazandaran
Halil and Shour rivers	Kerman
Shahrud river	Qazvin
Kordan river and its tributaries	Alborz
Noushahr coast	Mazandaran
Choebdeh complex site	Khuzestan
Amir dam	Fars
Beris shrimp breeding site	Chabahar
Choebdeh shrimp breeding canals	Khuzestan
Fereidon Kenar port	Mazandaran
Neka port coast	Mazandaran
Reservoir of Sefidrud dam	Gilan
Tajan river	Mazandaran
Bahmanshir river	Khuzestan
Karkhe river	Khuzestan
Persian gulf coast and tide observation	Bushehr & Hormozgan
Preparation of tide characteristics and chart datum	Bushehr

Topographic map preparation by Photogrammetry

Photogrammetry maps of Isfahan - Azna railway
Photogrammetry maps of Persian gulf islands
Photogrammetry maps of Khoram Abad city
Photogrammetry maps of Tabriz city
Photogrammetry maps of Bafq city
Photogrammetry maps of Masiri city
Photogrammetry maps of Qhare Aqaj city
Photogrammetry maps of Zayandehrud city
Photogrammetry maps of Dehaqhan city
Photogrammetry maps of Baft city
Photogrammetry maps of Shiraz city
Photogrammetry maps of Qhaien city

Isfahan
Hormozgan
Lorestan
East Azarbayjan
Yazd
Fars
East Azarbayjan
Isfahan
Isfahan
Kerman
Fars
Khorasan





Surveying, Hydrography & Photogrammetry

▼ Project Title: **Photogrammetry Maps of Tabriz, Shiraz and Qaen Cities**
Client: **Municipalities of Tabriz, Shiraz and Qaen Cities**
Location: **East Azarbayjan, Fars and South Khurasan Provinces**



▼ Project Title: **Surveying and Hydrography of Bushehr and Genaveh Ports**
Client: **Fishery Organization**
Location: **Bushehr Province**





▲ Project Title: **Surveying of Shiraz - Zarghan Railway Path**
 Client: **Road Ministry**
 Location: **Fars Province**

▼ Project Title: **Surveying and Hydrography of Karkheh River**
 Client: **Water Resources Management Co.**
 Location: **Khuzestan Province**



▼ Project Title: **Tidal Observation of Persian Gulf Coasts**
 Client: **Water Resources Management Co.**
 Location: **Bushehr & Hormozgan Province**



Global Cooperation

Engineering and construction have no borders. The goal is to build. If we can, we will be present beyond our borders and if necessary we will use overseas engineering firms to construct our country.

Cooperation with reputable international companies for projects within the country, as well as participation in overseas projects has always been SPI policy. In this field, we've had some great jobs so far and will continue to aggressively seek more effective presence in overseas engineering projects.

Registration of companies and offices in Oman and Iraq, shows the company plans to create regional bases in these two neighboring countries, and presence in other countries will be also examined.





- Multiconsult & Aker Solution, Norway, Joint work on "Mobin Seawater Intake", Assaluyeh, Iran
- Multiconsult, Norway, Sub-consultant for "Ormen Lange Water Intake", Norway
- DHI, Denmark, Joint work on "ICZM (Integrated Coastal Zone Management)", Iran
- HPC (Hamburg Port Consultant), Germany, Joint work on Parsian Grand Port, Iran
- Sellhorn, Germany, Joint work on "Iran Commercial Ports Master Planning"
- Shell, The Netherlands, local Consultant for "Feasibility Study of a GTL Project" Assalouyeh, Iran.
- Royal Haskoning, The Netherlands, Joint work on "Chabahar Grand Port Development Plan" Iran
- 4 Overpass Bridges, Bangladesh
- TOTAL, France, Local consultant for "Phase 11, South Pars Gas field", Iran
- Al-Hindya Sanitary and Storm Sewerage System (EPC), Iraq
- Geotechnical services for 4 dams, Salalah, Oman
- Ten Wheat Silos, 100,000 tones Capacity, Syria
- Menard, France, Technical Cooperation on Land Reclamation Method, Assaluyeh, Iran

Social Contribution

However all projects under way in SPI, ultimately will somehow improve people's living standards, but improving livelihood of company's staff as a small community and all country people as large community, has never gone unnoticed from managers and employees viewpoint.

Our actions in this field, however small, known as national duty and always dealing with non-work aspects of the company, whether related or even unrelated to our engineering tasks, including specialized training, collective and family entertainment, financial and non-financial assistance to the needy, construction of public education spaces, staff sports activities and the like, we try to fulfill our social responsibility.

These actions of managers and staff, made SPI as a motivated and targeted firm, which their wish is to promote the culture and economy of society.

[ENDEAVOR FOR A BETTER FUTURE]





