

ANMAR DARWISH

Address: Ouro, Al-Sawda, Tartous, Syria.

Mobile: + 963 934 287257

Email: anmar.darwish@gmail.com



PROFILE

A water engineer with a wide range of experience in drinking water supply. With extensive academic water treatment, desalination and water quality management.

Trained at a British drinking water utility.

Technical skills in machinery and pumps.

Projects management training.

Seeking a work opportunity where I will be able to design, operate and manage water solutions and projects.

EDUCATION

MSc. Water Resources Technology and Management, School of Civil Engineering, the University of Birmingham, UK / September 2009 - October 2010/

Subjects Water/Wastewater Treatment, Water and Environmental Management, Hydrology & Catchment Management, Process Modelling, Underground Water Resources, and Engineering Economics.

Research

- Water desalination with renewable energy in the Middle East.
- Group research about the biological treatment of landfill leachate for Entec, UK.
- Full scale design of a drinking water treatment work for lowland water.

Master's Thesis Industrial Research Project entitled "**The Impact of Severe Weather on Water Mains Failure and Leakage Level**" held in South Staffordshire Water PLC.
I Undertook this study to determine the relation between severe weather and leakage level, and to find which part of the network are failing in cold winter and cause rise in leakage.

Post Graduate Programme in Management, British Council, Syria / April - December 2008

Subjects Academic English: Report Writing, argument and discussion essays, academic writing.
Management Skills: project management, project plan
Communication Skills: presentation skills, Bridging cultural differences

Research Field study entitled "Studying Farmers' Participation in the Integrated Water Resources Management, Case Study from Al Hussein (Al Khwabi) River Basin", Tartous, Syria.

B.Eng. Agriculture Engineering, Rural Engineering Department, University of Aleppo, Syria / 2002 – 2007

Subjects Hydraulics, Water resources, Hydrology, Irrigation networks, Drainage, Surveying, Land & Agricultural Machinery, Machine maintenance & Service, Engineering Drawing.

Research Graduate Project entitled as "Computer Aided Design of Long-Distance Transporting Liquid Pipelines".

EXPERIENCE

**Tartous Agriculture Directorate, Engineering Section
Water Engineer**

Responsibilities **Period 3: Tartous Rural Division /June.2014-present/**

- River Basin management (flow and demand calculations)
- Monitoring and assessment of agricultural activities in the basin
- Irrigation consultation and management.
- Farmers training, flow up and support

Period2: Hydro & Electrical Systems Unit /Feb.2011 –Feb2012/

- Water quality assessment and filtration.
- Study, within multidisciplinary engineering team, new projects and extension of existed Water supply and irrigation systems and prepare tenders' documents.
- Design and develop irrigation and water networks
- Contract and install supervision.
- Supervise pumping and generators operation of the directorate owned projects.
- Maintenance and problem solving of pumping systems and attached parts and accessories.

Period 1: Groundwater unit /August 2008- Sep.2009/

- Participation in new Well study and tender preparation
- Drill supervision and pump testing
- Demand estimation and mentoring

Burj Matleh, Family Owned Farm, Tartous. Syria

Farm Manger May 2013 –May 2014 (as full time work)

May 2014- present (part time help)

- Responsibilities**
- drill a well and equip it with all requirements
 - design and install an irrigation network to the whole farm
 - land preparation including; levelling rock removal and ploughing
 - increase the nearby canal capacity for flood protection
 - construct new greenhouse frames
 - construct of management and labour housing
 - install greenhouse cover and equipment
 - oversee vegetable production and marketing

Zahra Contractors, Tartous, Syria

Project Engineer , Al-Mentar Irrigation and drainage rehabilitation scheme/ August 2012 – April 2013/

Responsibilities Phase A: Cleaning and maintenance of Open Channels

Removing mud, settlements and plants from channels.
Smooth the channels banks.

Phase B: Extend and develop pipe network.

Supervise trench excavation according to the project drawings.
Prepare pipe bedding.
Install new pipe network.
Re- store soil and surface maintenance.

Paramount Farms, Abdul Altaib Street, Al Taif, Khartoum, Sudan

Irrigation and production Engineer / Short term consultation, May & June 212 /

- Responsibilities**
- Center pivot operation for alfalfa fields
 - Performance improvement through replacement of nozzles and improve filtration
 - Cleaning main channel and modify pump suction chamber to improve pumping operation
 - Monitor the whole production process.

Al-Baze Co. Tartous, Syria (engineering and trade company)

Poly ethylene pipes purchase and sales Engineer / July 2007 - April 2008/

- Responsibilities**
- Liaise with main poly ethylene (PE) pipes and fitting producers and arrange purchase time and quantity.
 - Marketing of PE products among contractors and agricultural firms.
 - Marketing of irrigation network components.
 - Arrange delivery of pipes to clients.
 - Develop criteria for choosing suitable pipes quality for different uses in the national market.

OTHER EXPERIENCES

co-founder of AdZone and TOMOH web site

AdZone.me is an online advertisements website in the MENA

TOMOH.ME is a web site that helps youth to find an opportunity for their future in either education or work

SKILLS

Languages: Arabic, native / English, Fluent / German, good

Computer Skills

- Expert in Microsoft Excel, Power Point and Word.
- Good experience in database analysis using MS Access and Statistical analysis using Excel & IBM SPSS.

Communication Skills

- Participated in many workshops on presentations and meeting
- Planned and managed many focus group projects and was always an effective member.
- Concise Report writing.
- Web marketing

SCHOLARSHIPS & AWARDS

Full Scholarship from the **Saïd Foundation and the British Chevening Scholarship Scheme** of the British Foreign and Commonwealth Office For MSc in Water Resources at Birmingham University 2009 – 2010

REFEREES:

Available upon request

INTERESTS

Volleyball, Swimming, Reading, automobiles, photography, biking and social networks.