

Alan Sh. Saifadeen

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PERSONAL INFORMATION:

Place and date of birth: **Duhok, 20.08.1982**

Address: **Avro City B26-30, 42001 Duhok, Kurdistan Region-Iraq**

Gender: **Male**

Marital status: **Single**

EDUCATION:

Lund University, Sweden.

- **Master of Science** – Civil Engineering/ Water Resources Engineering, September 2012

University of Duhok, KR_Iraq

- **Bachelor of Science** – Civil Engineering, July 2004

HONORS & AWARDS:

- Erasmus Mundus Action 2 (EM8), Lund University, 2010, fellowship granted to higher education students and teaching staff between European universities and universities from Lot 8 countries; Iran, Iraq, and Yemen.
- Civil Engineering top student, University of Duhok, 2004, has been ranked as top student on the graduates of Civil Engineering Department.

TRAINING COURSES/ WORKSHOPS:

- Non-Revenue Water (NRW) Management Training, by GIZ, Duhok. October 10-14, 2018.
- Multi-basin modelling using local data in World-Wide HYPE, BY Swedish Meteorological and Hydrological Institute (SMHI), Norrkoping. September 3-6, 2018.
- Project Cycle Management, by Cordaid/ CARE International, Duhok. May 5-6, 2017.
- Project Design, Monitoring and Evaluation/ Certificate of Completion, by PM4DEV, online. April 1-May 1, 2017.
- National Framework of Quality Assurance and Quality Improvements of Programs in Iraqi Universities held by UNESCO, Erbil. May 18-21, 2016.
- Integrating Problem-Based Learning into Engineering Programs, held by IREX – University of Missouri, Erbil. March 28-30, 2016.
- ABET Accreditation: Processes, Methodology and Good Practices, held by IREX – University of Missouri, Erbil. March 30-31, 2016.
- Educational Aspects of Applied and Industrial Mathematics, held by Lund University in collaboration with University of Zakho, Zakho. October 11-12, 2015.
- Training Course on Industry Advisory Boards, held by IREX – University of Missouri, Erbil. February 08-10, 2015.
- Introduction to Student-Centered Teaching Strategies, held by IREX – Michigan State University, Duhok. January 14-15, 2014.
- Engineering Projects Management, held by KRG - Ministry of Planning and MSI - Tatweer Project/ USAID, Duhok. February 10-14, 2008.

TEACHING EXPERIENCE:

Assistant Lecturer, College of Engineering, University of Duhok, November 2012 – Present

Fully responsible for all aspects of course development, instruction, and assessment.

- Engineering Services, two semesters per year, third year undergraduate students.
- Engineering Hydrology, one semester per year, third year undergraduate students.
- Computer Skills, one semester per year, first year undergraduate students.

Fully responsible for all aspects of laboratory sessions, instruction, and assessment.

- Numerical Analysis with MATLAB, one semester per year, third year undergraduate students.

Fully responsible for all aspects of laboratory sessions, taught required curriculum experiments, led weekly group break-outs, and graded papers.

- Fluid Mechanics-Practical, two semesters per year, second year undergraduate students.

Teaching Assistant, College of Engineering, University of Duhok, January 2007 – July 2010

Taught required curriculum experiments' sections as needed, led weekly small group break-outs, graded papers.

- Soil Mechanics, two semesters per year, third year undergraduate students.
- Concrete Technology, one semester per year, Second year undergraduate students.
- Fluid Mechanics, two semesters per year, second year undergraduate students.

DEPARTMENTAL SERVICE:

- Teaching Quality Assurance Coordinator, College of Engineering, University of Duhok (November 2014- October 2016).
- Member of Industry Advisory Board at University of Duhok (February 2015 – January 2017)
- Member of Engineering Consultant Bureau at College of Engineering, University of Duhok (December 2014- October 2016).

PROFESSIONAL WORK EXPERIENCE:

NDN Group

Consultant, August 2019-December 2019.

- Worked as consultant for NDN group.

Joint Venture AMBERO Consulting - GITEC-IGIP GmbH

Consultant, December 2017-July 2019.

- Worked as consultant for Joint Venture AMBERO Consulting - GITEC-IGIP GmbH.

CARE International

MEAL Officer, Acting Health Projects Manager, & Consultant, February 2017- January 2018.

- Was responsible for monitoring and evaluation process of WASH projects in IDP camps in Duhok (Chamshku, Shekhan and Mamrashan camps), Health and Emergency WASH projects in Ninewa.
- Supervised Health Projects, including rehabilitation of health centers and providing primary health care services.
- Worked as consultant for a multi-sectorial project in Ninewa area, including WASH, and Livelihood.

Listed Projects:

- WASH support to IDPs vulnerable IDPs in Duhok |Global Affair of Canada (GAC)
- WASH and Shelter support to vulnerable IDPs in North Iraq |Ministry of Foreign Affairs, Germany (MoFA)
- North Iraq Joint Response-3, Primary Health and Shelter Services |Dutch Ministry of Foreign Affairs/ Dutch Relief Alliance
- Gaining recovery: Improvement of Health in Northern Iraq| German Federal Ministry for Economic Cooperation and Development (BMZ)
- Strengthening WASH basic infrastructure, resilience and livelihoods in return areas in Ninewa, Iraq | German Federal Ministry for Economic Cooperation and Development (BMZ)

Engineering Consultant Bureau at College of Engineering, University of Duhok.

Quantity Surveyor, November 2012-Present.

- Have worked on preparing and checking Bill of Quantities (BoQs) for different projects, including:
 - Vocational training centers in Duhok, Erbil and Sulaimaniyah.
 - Zenar Company headquarter buildings in Duhok.
 - Zakho Mall.

- Water treatment plant of Eiteet and Berifka settlement.

Pel Construction Company, Duhok, Kurdistan Region-Iraq

Professional Engineer, November 2012-October 2014

- Managed a team of three engineers. Wrote comprehensive reports detailing the investigation, implementation, and evaluation procedures used to construct a residential complex in Dumiz sub-district, Duhok. Provided consultation and technical support during the implantation of the project.

Directorate of Duhok Municipalities, Duhok, Kurdistan Region-Iraq

Quantity Surveyor + Site Engineer, September 2005- January 2007

- Worked on the design and preparing Bill of Quantities (BoQs) for a couple of projects including: sewer systems, roads, and many governmental buildings.
- Supervised construction of Red Meat Integrated Plant in Semel district, Duhok. Was responsible for reviewing civil engineering plans & specifications. Performed all on-site inspections of building projects for compliance with approved plans.

Slevany Company for Construction, Duhok, Kurdistan Region-Iraq

Site Engineer, August 2004- September 2005

- Supervised construction of a health centre in Semel district, Duhok. Performed all on-site inspections for compliance with approved plans.

COMPUTER SKILLS:

Databases: Competent with the most Microsoft Office Programs.

Others: AutoCAD, Autodesk Quantity Takeoff, HUDRUS-1D, ArcGIS, HEC-RAS, MATLAB, GMS, PHREEQC, MIKE URBAN.

LANGUAGE SKILLS:

Mother tongue(s)	Kurdish		
Other language(s)			
Self-assessment	Understanding	Speaking	Writing
Arabic	Excellent	Excellent	Excellent
English	Very good	Very good	Very good
Swedish	Basic	Basic	Basic

PUBLICATIONS:

- Dilshad Abdul Jabbar Haleem, George Kesserwan, Aza Hani Shukri, Alan Saifadeen (2017). Study the performance of the two wavelet-based adaptation schemes for the shallow water flow modelling. Journal of University of Duhok (UoD Journal).
- Magnus Persson & Alan Saifadeen (2016). Effects of hysteresis, rainfall dynamics, and temporal resolution of rainfall input data in solute transport modeling in uncropped soil. Hydrological Sciences Journal.
- Ruslana Gladnyeva, Alan Saifadeen (2012). Effects of hysteresis and temporal variability in meteorological input data in modeling of solute transport in unsaturated soil using HYDRUS-1D. Journal of Water Management and Research (VATTEN), 285-294.