



Curriculum
vitae



PHOTOGRAPH



Personal Information

Name	Ghassan Khalaf Khalid		
Nationality	Iraqi-Sudan		
Date of Birth	5/4/1975		
Place of Birth	Iraq- Diyala		
Marital status	Married)		
Passport Number	Place of Issue	Date of Issue	Expiry Date
G2786863	IRAQ-Baghdad	30-3-2017	28- 3 -2025
The Address	Iraq- Diyala / Baladrouz alhourea- House No. 121. Sudan-Khartoum		
Téléphone	Iraq +964 7904415418 Sudan +249 927299372		
E-mail Addresses	ghassan75khalid@yahoo.com ghassan75khalid@gmail.com		
Past Job	Chief Engineering in the Iraqi Minister of Construction and Housing / Construction Engineer Office-Hydraulics Design Unit.		
Current job	Teacher in Environmental Engineering Department- Engineering College/ Diyala University. Decision of the civil Engineering Department. Teacher in civil Engineering Department- AL BADRI Technical College, Sudan. Head of the Civil Engineering Department.		

	<p>Assistant professor in AL-Yarmouk college, Sudan.</p> <p>Assistant professor in Omdurman Islamic university, Engineering Sciences College.</p> <p>Assistant professor in ALManhal Academy of Science, Sudan.</p> <p>Head of the Civil Engineering Department. in ALManhal Academy of Science, Sudan.</p> <p>Deputy Dean in ALManhal Academy of Science, Sudan.</p>
Year of experience	Since 5/7/1998 until now
Member of Iraqi Engineering Union	Civil Engineer as Hydraulics & Environmental Consultant at 2008

Certificates	
College Certification	
1) B.Sc. Degree in Civil Engineering at 1998 from Building & Construction Engineering Department - University of Technology in Baghdad (General Profession).	
2) M.Sc. Degree in water resources and Environment Engineering at 2008 from Civil Department – Omdurman Islamic University.	
3) PHD. Degree in water resources (Hydraulic structure) at 2014 from Civil Department – Omdurman Islamic University.	
Qualifications	
Arabic	Mother Language: Very Good.
English	Good
Specialties	
General Profession (Civil engineer as project manager and site engineer in construction of the buildings, roads and bridges). Precise profession (Sanitary and environmental engineer, designer, lecturer in plumbing, drainage, pipeline, water and wastewater network, treatment plant)	
Computer Skills	
1) Working at computer software such as (HEC-RAS ,GIS,Auto-Cad, Excel, Word, PowerPoint, internet Explorer, Visual basic... etc).	
2) Perfect Working knowledge of computer installing and maintenance.	
3) Perfect Working Knowledge of HEC-RAS4,GIS,surfer 9, AutoCAD 2010 , SPSS,ArchiCAD12.	

JOB HISTORY

- 1) Working since 1998 as concrete designer, civil site engineer (building, roads and bridges) in Baghdad 1998 to 1999.
- 2) Supervision and maintenance of cooling and heating units belonging to AL Ascoa building ,beside the construction of the enquiries building and supervision units in the same location.
- 3) From 1999 until 2005, I work as supervisor Engineer Rehabilitation of Ready building in shoots concer construction, electricity and healthy works.
- 4) Many companies for constructions and engineering Hydraulics designer (ALBilal Group), I worked as supervisor Engineer (civil & Hydraulic designer).
- 5) From 2/3/2006 until 23/10/2008, I work as teacher in AL Badri technical college in Sudan.
- 6) From 23/10/2008until 30/12/2014, I work as Hydraulics and Environmental Teacher in civil Engineering Department- Engineering College/ Diyala University.
- 7) From 1/1/2011 until 30/12/2011, I work supervision in marshal company in Sudan. And teacher in AL Yarmouk collage.
- 8) From 1/1/2012 until 30/12/2012, I work construction manager in amtaar company in north of Sudan and teacher in AL Yarmouk collage.
- 9) From 1/1/2013 until now I work supervision and teacher in AL Yarmouk college in Sudan.
- 10) From 15/ 2/2016 until now I shear holder, General manager, Assistant professor Head of the Civil Engineering Department and Deputy Dean in AL Manhal College of Science.

The Previous Experience

- 1) Installing and execute many civil and Hydraulics works for new buildings as (supervisor engineer).
- 2) Maintenance many civil and mechanical works for old buildings.
- 3) Maintenance many mechanical works for water supply & treatment plant, as (supervisor engineer).
- 4) Working in the quotation and management of civil and Hydraulics projects.
- 5) Working in the field of Assessment of civil and sanitary equipments performance.

6) Design of the following projects:

- Public building (schools, house, Sites, etc).
- Water and wastewater networks and treatment plants.
- Land escape and Lakes.
- Box culvert in Diyala.
- Well, concrete water tank, concrete base of well in north of Sudan.
- Building of AL Yarmouk college in Sudan.
- Establishment of AL Manhal Academy of Science in Sudan.
- Establishment of AL Manhal Academy consultation office in Sudan.
- Establishment of Business Names for Contracting in Sudan.
- Establishment of Business Names for malty purpose in Turkey.

7) Working in the fields of assessment of Hydraulics and environmental work.

8) Implemented of the civil works for several Iraqi projects such as;

- Ministry of irrigation, Ministry of education.
- Baladroze Hospital, Baquba Hospital.

Environmental & Sanitary Engineering Skills

FIELDS OF EXPERANCE

1) Design and construction of pumping stations inside and outside buildings.

2) Design and construction of internal and external sanitary network, include sewage, storage water.

3) Design and execution of different building belonging to the private sectors and companies.
Design and execution of protected buildings for bearing against un-natural external pressures.

4) Design and execution of different commercial buildings, design and execution of drainage net –work in Baghdad city, beside the execution of the main lines and the pumping stations for sewage water where Required.

5) Design and execution of residential building in Atbara cement facular with and area of 2000m, beside the design and execution of electrical stations, also the filtration of cement in the same company, beside a lot of civil works in AL-Badri Technical college.

6) Design and construction of irrigation network, channel, regulator, Hydraulic dams.

7) Water and wastewater treatment plant.

8) Design and execration of sheik Elraghy administration area for his agricultural project in Gadawab.
Design of banks and siphon of the main canal in the same project.
Rehabilitation of a large meeting hall belonging to the ministry of Agriculture and irrigation in ALDamer.

9) Design Box Culvert in Diyala.

10) Lake and river design and treatment.

11) Design and construction well, concrete base of well, concrete water tank and prepare the earth to agriculture system (sprinkler system).

Lectures Teaching for Undergraduates Environmental and Sanitary Engineering

1) Mathematical (Calculus), Statistics, Numerical Methods.

2) Environmental Microbiology, Hydrology, Ecology, geology.

3) Fluid Mechanics, computer program, Hydraulics structure, Water Supply and Sewerage Industrial Wastewater Treatment Plants, Air Pollution, Plumbing Design.

4) management, technical of design , economic of engineer

References (Mention at Least 2 Work Related References)

Dr. KamaledinELsidig Bashar	kamal_sedegr@yahoo.com	professor	Omdurman Islamic University
Dr. Basim Hussein Khudair	basim22003@yahoo.com	Assistant professor	Baghdad University
Dr.Adell Alkalye	adell_alkayle@yahoo.com	professor	Diyala University
Dr.Qusaya abd aljabar	qusay_abd@yahoo.com	Assistant professor	University of Technology
Dr ALtaeb Hassan onsa	altaeb-onsa@yahoo.com	Assistant professor	Omdurman Islamic University

Research and study

1) Research on composite beams concerning Steel structures and concrete, comparing them with the British and American codes.

2)M.Sc Evaluation of Hydraulic Aspects of Spillway design (Case Study Merowe Dams).

3)المؤشر الانتاجي للاعمال الانشائية في العراق.

4)دراسة مختبرية للنحر في الارضيات الحجرية مؤخر الهدارات المتثلثية

5) تأثير ميل مؤخر السد الغاطس العمودي والمنحرف ذي القمة نصف الدائرية على خصائص الجريان
6) P.HD Development of Mathematical and Physical Models to Simulate Dam Break: Case Study Blue Nile River –Roseires Dam
7) Large Scale Field Physical Model Simulation of Roseires Dam-Break, Sudan
8) Inundation Map Development by Using HEC-RAS Hydraulic Simulation modeling from Roseires to Khartoum Cities
9) Virtual failure influence of Roseires dam on Khartoum city using HEC-RAS Hydraulic simulation modeling
10) Calibration and verification the hydraulic model of Blue Nile River from Roseires to Khartoum
11) A book about the Fluid Mechanics.
12)Get the title (milestone) from Research Gate in 27-5-2020