

General



Assistant Professor at King Saud University since September 2013. Had been serving the Sudan University of Science and Technology (SUST) from 2003 to 2013. Obtained B.Sc. in civil engineering (Structures) with first Class (Honors) from SUST in 2002, M.Sc. in civil engineering (Structural Engineering) from University of Khartoum (U of K) in 2007 and PhD in civil engineering (Offshore structures) from Universiti Teknologi PETRONAS (UTP), Malaysia in 2011.

Personal Details

First Name Yassir		Middle Name MohammedNour		Last Name Abbas		Legal Name Abbas	
Date of birth May 14, 1978	Country of birth Sudan		Country of Nationality Sudan		Gender Male	Marital Status Married	
Telephone Number /		Cellular Number +249 907 247 028			Fax Number /		
Address School of Civil Engineering Sudan University of Science and Technology				Email yassir_abbas@live.com			
Post code 72 Eastern Daims		City Khartoum		Country Sudan		Website http://www.sustech.edu	
Passport Number C 01216976		Date of issue July 19, 2007			Expiry date July 17, 2013		
Nearest Airport to Permanent Residence Khartoum International Airport				Notice period for current Job 60 days			
Language Arabic (Native Language) English		Read Excellent Excellent		Write Excellent V Good		Speak Excellent V Good	
						Understand Excellent V Good	

Education

University University Teknologi PETRONAS (UTP) Degree Doctor of Philosophy (PhD) Major Civil Engineering	Country Malaysia Issue Date: October, 2011 Minor Offshore Structures
University University of Khartoum (U of K) Degree Master of Science (MSc) Major Civil Engineering	Country Sudan Issue Date: September, 2007 Minor Structures
University Sudan University of Science and Technology Degree Bachelor of Science (BSc) - First class, Honors Major Civil Engineering	Country Sudan Issue Date: September, 2002 Minor Structures

Academic Awards

Institute	Award	Degree	Date
UTP	Top graduate	PhD	October, 2011
U of K	Batch Leading graduate	MSc	September, 2007
SUST	First class & batch Leading graduate	BSc	September, 2002

Competencies

Skill	Level	Experience	Last Used
MS Office	Expert	More than 10 years	1 Month or less
AutoCAD	Senior	More than 5 years	1 Month or less
MATLAB	Expert	More than 10 years	3 Month or less
PRIMAVERA	Expert	More than 10 years	3 Month or less
SACS	Senior	More than 5 years	6 Month or less
STAAD	Senior	More than 5 years	6 Month or less
STAAD PRO	Senior	More than 5 years	6 Month or less
SAP 2002	Expert	More than 10 years	1 Month or less
PROKON	Expert	More than 10 years	3 Month or less
AXIS VM	Expert	More than 10 years	3 Month or less

Experience

Title Teaching assistant Lecturer Assistant Professor (Head of Construction Engineering Department)		From April, 2003 September 2007 October, 2011	To September, 2007 October, 2011 September, 2013
Name of Employer Sudan University of Science and Technology		Employment Type Full Time	
City Khartoum	Country Sudan		
Description of Duties ✓ Faculty/research committee and senate member, ✓ Follow-up the teaching progress of the courses in the department of construction Engineering, ✓ Design and development of course curricula, ✓ Sudan Higher Education Quality Improvement Programme (SHEQuIP) co-ordinator. This project is sponsored by the British Council – Sudan through an collaboration agreement between SUST and University of Reading (UK). The project is aiming the following targets: 1. Assess and develop of the MSc in construction Management course. 2. Conducting workshops (in UK and Sudan) for students and the teaching staff. 3. Conducting academic research. ✓ Teaching the following courses: 1. Structural analysis, 2. Theory of Structures, 3. RC Design, 4. Structural Steel Design, 5. Shells and Storage Structures, 6. Mechanics of Materials, 7. RC Plastic Analysis and design, 8. Soil Mechanics, 9. Foundation Engineering, 10. Quantity Surveying 11. Computer Applications (AutoCAD, PROKON and MATLAB), 12. Building Design, and 13. Advance structural analysis (For M.Sc. of structural Engineering)			

Experience (Contd.)

Title Research Officer		From July, 2008	To May, 2011
Name of Employer University Teknologi PETRONAS		Employment Type Full-time	
City Tronoh	Country Malaysia		
Description of Duties ✓ Researcher in the deep-water technology cluster, ✓ Preparation of research technical proposals, ✓ Physical modeling of offshore structures, ✓ Manufacturing of the physical models, ✓ Executing the laboratory testing programs, ✓ Collecting the laboratory data, ✓ Conducting numerical modeling, ✓ Validating the numerical models by making comparisons with the physical model results, ✓ Preparation of technical papers and reports, ✓ Sending papers for publications, ✓ Presenting research outcomes in international conferences ✓ Assist under/post-graduate students.			

Specialized Training

Course Title Construction Technologies	From September 1, 2001	To September 28, 2001
Institute Arab Contractors Training Center		
City Cairo	Country Egypt	
Course Title An Introduction on Offshore Engineering and Technology	From December 30, 2008	To January 01, 2009
Institute Universiti Teknologi Malaysia		
City Skudai, Johor	Country Malaysia	
Course Title Offshore Platforms for Petroleum Exploration	From February 24, 2009	To February 26, 2009
Institute Universiti Teknologi PETRONAS		
City Tronoh	Country Malaysia	
Course Title Self assessment and Quality Control Principles	From September 1, 2011	To September 1, 2011
Institute Sudan University of Science and Technology		
City Khartoum	Country Sudan	
Course Title Teaching and Learning	From September 06, 2012	To September 11, 2012
Institute University of Reading		
City Reading	Country United Kingdom	

Research

Type	Title	Date	Details
Conference proceeding	Potential of artificial neural networks (ANNs) in prediction of soil profile in Khartoum	2007	M. A. Yassir and H. Arabi " <i>Potential of artificial neural networks (ANNs) in prediction of soil profile in Khartoum</i> " in the proceedings of the international conference of African Geotechnical Engineers (ICAGE-Cameroon 2007).
Conference proceeding	Dynamic analysis for Mobile Offshore Drilling Unit	2009	M. A. Yassir and V. J. Kurian, " <i>Dynamic analysis for Mobile Offshore Drilling Unit</i> ," in the National Post-graduate Conference on Engineering Science and Technology (NPC), Tronoh - Malaysia, 2009.
Conference proceeding	Time domain hydrodynamic analysis of semisubmersible platforms	2009	M. A. Yassir and V. J. Kurian, " <i>Time domain hydrodynamic analysis of semi-submersible platforms</i> " in the 2 nd International Conference on Engineering Technology (ICET), Kuala Lumpur - Malaysia, 2009.
Conference proceeding	Numerical study on the dynamic response of a semi submersible platform with experimental validation	2010	M. A. Yassir, V. J. Kurian, I. S. Harahap, and N. Abu Bakar, " <i>Numerical study on the dynamic response of a semi submersible platform with experimental validation</i> " in Conference on Scientific and Social Science Research (CSSR 2010), Kuala Lumpur - Malaysia, 2010.
Conference proceeding	Motion Responses of a semi submersible: experimental study	2010	M. A. Yassir, V. J. Kurian, and N. Abu Bakar, " <i>Motion Responses of a semi submersible: experimental study</i> " in the International Conference on Sustainable Building & Infrastructure (ICSBI), Kuala Lumpur - Malaysia, 2010.
Conference proceeding	Nonlinear coupled dynamic response of a semi submersible platform	2010	V. J. Kurian, M. A. Yassir, and I. S. Harahap, " <i>Nonlinear coupled dynamic response of a semi submersible platform</i> " in the 20 th International Offshore (Ocean) and Polar Engineering Conference (ISOPE), Beijing - China, 2010.
Conference proceeding	Parametric study on multi-component catenary mooring lines for offshore floating structures	2010	M. A. Yassir, V. J. Kurian, I. S. Harahap, and N. Abu Bakar, " <i>Parametric study on multi-component catenary mooring lines for offshore floating structures</i> " in the Asia-Pacific Offshore Conference (APOC), Kuala Lumpur - Malaysia, 2010.

Research (Contd.)

Conference proceeding	Regression analysis for the dynamic responses of semi submersible platform	2011	C. Ng, V. J. Kurian, and M. A. Yassir , "Regression analysis for the dynamic responses of semi submersible platform" in <i>the 7th International Conference on Steel & Aluminum Structures (ICSAS)</i> , Kuching, Sarawak - Malaysia, 2011.
Conference proceeding	Second order motion responses of semi submersibles: numerical and experimental study	2011	M. A. Yassir , V. J. Kurian, and I. S. Harahap, "Second order motion responses of semi submersibles: numerical and experimental study" in the 21th International Offshore (Ocean) and Polar Engineering Conference (ISOPE), Maui, Hawaii - USA, 2011.
Journal paper	Nonlinear dynamic analysis of multi-component mooring lines incorporating mooring to seabed interaction	2011	M. A. Yassir , V. J. Kurian, and I. S. Harahap, "Nonlinear dynamic analysis of multi-component mooring lines incorporating mooring to seabed interaction" International Journal of Offshore and Polar Engineering (IJOPE), 2011.
Conference Proceeding	Dynamic response of semisubmersibles with damaged mooring lines	2012	M. A. Yassir , V. J. Kurian, and I. S. Harahap, "Dynamic response of semisubmersibles with damaged mooring lines" in the 22 th International Offshore (Ocean) and Polar Engineering Conference (ISOPE), Rhodes - Greece, June 17-22, 2012.

Research Interest

I am interest in the following research areas:

- ✓ **Soil-structure interactions,**
- ✓ **Civil Engineering materials,**
- ✓ **Wind-structure interactions,**
- ✓ **Structural dynamics,**
- ✓ **Offshore structures physical/numerical modeling,**
- ✓ **Building technologies,**
- ✓ **Low price buildings.**

Teaching Philosophy Statement

Since learning is a life-long endeavor, my goal is to prepare students and engineers for facing these challenges by providing them with a base of information on which they can build, and encouraging in them attitudes and techniques for continued learning.

Memberships

- ✓ Sudanese Engineering Council.
- ✓ Sudanese Engineers Union.
- ✓ Sudanese Engineers Society.

Other Information

- ✓ Official reviewer for the Journal of Building and Road Research (ISSN – 1858 – 5019).
- ✓ Official reviewer for the International Society of Offshore and Polar Engineers (ISOPE) Conferences, Symposiums and Journal.

References

Reference Name Kurian V. John	Title Prof	Telephone Number +605 368 7345	Address 31750 Bandar Seri Iskandar, Tronoh
Can be Contacted? Yes	Company Universiti Teknologi PETRONAS		Fax +605-365-6716
Country Malaysia	Cellular Phone +6016-815-1429	Email Address kurian_john@petronas.com.my	
Reference Name Ahmed Altayeb Ahmed	Title Prof	Telephone Number +249-183-772-508	Address 407- Khartoum-Sudan
Can be Contacted? Yes	Company Sudan University of Science and Technology (The Vice – chancellor)		Fax /
Country Sudan	Cellular Phone /	Email Address ahmedeltayeb@sustech.edu	
Reference Name Abd ALLAH M T Shiggidi	Title Dr	Telephone Number +249-183-476-036	Address No 20, Street No 55, Amarat
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