

## General



Assistant Professor at the Sudan University of Science and Technology (SUST) since 2014, having joined SUST as teaching assistant in 2002. Obtained B.Sc.in civil engineering (Structures) with second Class division one (Honors) from SUST in 2002, M.Sc.in civil engineering (Structural Engineering) from University of Khartoum (U of K) in 2006 and PhD in civil engineering (Road Technology), University of Khartoum (U of K) in 2014. As for my career objective, I would like to absorb and exchange as much knowledge and experience I can gain, not only for my career enrichment, but also to be able to contribute for the growth of Employer's organization.

## Personal Details

FirstName <b>Adil</b>	MiddleName <b>Abdallah</b>	Last Name <b>Mohammed Elhassan</b>	Legal Name <b>Elhassan</b>	
Dateofbirth <b>March23,1974</b>	Countryofbirth <b>Sudan</b>	CountryofNationality <b>Sudan</b>	Gender <b>Male</b>	MaritalStatus <b>Married</b>
TelephoneNumber <b>/</b>	CellularNumber <b>+249912297865</b>		FaxNumber <b>/</b>	
Address <b>Sudan University of Science and Technology</b>			Email <a href="mailto:adilabdallah01@gmail.com">adilabdallah01@gmail.com</a> <a href="mailto:adelabdallah@sustech.edu">adelabdallah@sustech.edu</a>	
Post code <b>72 Eastern Daims</b>	City <b>Khartoum</b>	Country <b>Sudan</b>	Website <a href="http://www.sustech.edu">http://www.sustech.edu</a>	
Passport Number <b>C 0354790</b>	Date of issue <b>February 3, 2013</b>		Expiry date <b>February 2, 2015</b>	
Nearest Airport to Permanent Residence <b>Khartoum International Air port</b>		Notice period for current Job <b>Three months</b>		
Language <b>Arabic (Native Language) English</b>	Read <b>Excellent Excellent</b>	Write <b>Excellent V Good</b>	Speak <b>Excellent V Good</b>	Understand <b>Excellent V Good</b>

## Family Details

Dependant Name <b>Amani Eltayeb Elamin Adil Abdallah</b>	Relationship <b>Spouse Son</b>	Date of birth <b>January 1,1977 June 7, 2007</b>	Gender <b>Female Male</b>	Nationalities <b>Sudan Sudan</b>
<b>Ola Adil Abdallah Awab Adil Abdallah</b>	<b>Daughter Son</b>	<b>October 28, 2009 September 29, 2011</b>	<b>Female Male</b>	<b>Sudan Sudan</b>

### Education

University <b>University of Khartoum (U of K)</b> Degree <b>Doctor of Philosophy (PhD)</b> Major <b>Civil Engineering</b>	Country <b>Sudan</b> Issue Date: <b>February 24, 2014</b> Minor Road Technology
University <b>University of Khartoum (U of K)</b> Degree <b>Master of Science (MSc)</b> Major <b>Civil Engineering</b>	Country <b>Sudan</b> Issue Date: <b>July 10, 2006</b> Minor <b>Structures</b>
University <b>Sudan University of Science and Technology</b> Degree <b>Bachelor of Science (BSc) – 2nd class division one</b> Major <b>Civil Engineering</b>	Country <b>Sudan</b> Issue Date: <b>September 12, 2002</b> Minor <b>Structures</b>
University <b>Sudan University of Science and Technology</b> Degree <b>Diploma in Architecture (Building) - First class,</b> Major <b>Architecture Engineering</b>	Country <b>Sudan</b> Issue Date: <b>May 19, 1999</b> Minor <b>Building</b>

### Academic Awards

Institute	Award	Degree	Date
U of K	Top graduate	PhD	February, 2014
U of K	Batch Leading graduate	MSc	July, 2006
SUST	Batch Leading graduate	Diploma & BSc	May, 1999 & 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
AXISVM	Expert	More than 10 years	3 Month or less

**Experience**

<b>Title</b>		
<b>Teaching assistant</b>	<b>From</b> <b>April, 2000</b>	<b>To</b> <b>July, 2006</b>
<b>Lecturer</b>	<b>July 2006</b>	<b>February, 2014</b>
<b>Assistant Professor</b>	<b>February,2014</b>	<b>Up to Now</b>
<b>(Head of the Engineering Administration)</b>	<b>February,2014</b>	<b>February, 2016</b>
<b>Name of Employer</b> <b>Sudan University of Science and Technology</b>		<b>Employment Type</b> <b>Full Time</b>
<b>City</b> <b>Khartoum</b>	<b>Country</b> <b>Sudan</b>	
<b>Description of Duties</b> ./ <b>Faculty/research committee and senate member,</b> ./ <b>Follow-up the teaching progress of the courses in the Faculty of Engineering (Departments of Structural and Construction Engineering -School of Civil Engineering) and Faculty of Architecture &amp; Planning,</b> ./ <b>Design and Development of Course Curricula,</b> ./ <b>Teaching the Following Courses:</b> 1. <b>Structural Analysis &amp; Design,</b> 2. <b>Theory of Structures,</b> 3. <b>Reinforced Concrete Design,</b> 4. <b>Design of Bridges,</b> 5. <b>Structural Steel Design,</b> 6. <b>Design of Roads,</b> 7. <b>Mechanics of Materials,</b> 8. <b>RC Plastic Analysis and design,</b> 9. <b>Soil Mechanics,</b> 10. <b>Foundation Engineering,</b> 11. <b>Quantity Surveying</b> 12. <b>Computer Applications (STAAD, PROKON and MATLAB),</b> 13. <b>Building Design</b> 14. <b>Concrete Structures 1+2 (For M.Sc. of Construction Engineering) , and</b> 15. <b>Road Technology</b>		
<b>Title</b>		
<b>Structural Designer</b>	<b>From</b> <b>September, 2002</b>	<b>To</b> <b>Now</b>
<b>Name of Employer</b> <b>Private Works</b>		<b>Employment Type</b>
<b>City</b> <b>Khartoum</b>	<b>Country</b> <b>Sudan</b>	
<b>Description of Duties</b> . / <b>Structural designer of different RC &amp; Steel multi-story buildings.</b>		

**Experience (Contd.)**

Title <b>Consultancy Engineer</b>	From <b>July, 2006</b>	To <b>Now</b>
Name of Employer <b>Private Works</b>	Employment Type	
City <b>Khartoum</b>	Country <b>Sudan</b>	
Description of Duties ./ <b>Structural designer of different RC &amp; Steel multi-storey buildings.</b>		
Title <b>Structural designer</b>	From <b>April, 2007</b>	To <b>Now</b>
Name of Employer <b>Nasifa for engineering consultancies</b>	Employment Type <b>Part Time</b>	
City <b>Khartoum</b>	Country <b>Sudan</b>	
Description of Duties ./ <b>Structural designer of different RC, Steel multi-storey buildings, Roads, 3D panels and Bridges.</b>		
Title <b>Structural Designer/Drafter</b>	From <b>February,2009</b>	To <b>September, 2009</b>
Name of Employer	Employment Type <b>Part Time</b>	
City <b>Khartoum</b>	Country <b>Sudan</b>	
Description of Duties ./ <b>Design and drafting for the</b>		
Title <b>General Projects Manager</b>	From <b>April, 2009</b>	To <b>Now</b>
Name of Employer <b>Arch Structure for engineering consultancies</b>	Employment Type <b>Part Time</b>	
City <b>Khartoum</b>	Country <b>Sudan</b>	
Description of Duties ./ <b>Structural design of industrial buildings and others,</b> ./ <b>Structural design of the rehabilitation system for Collage of Commercial Studies (SUST).</b> ./ <b>Construction Evaluation of the Azaza Hospital (Medicine Sans Frontiers), Sinnar State.</b>		

**Experience (Contd.)**

Title <b>General Manager of the Engineering Administration</b>		From <b>September, 2014</b>	To <b>Now</b>
Name of Employer <b>(SUST)</b>		Employment Type	
City <b>Khartoum</b>	Country <b>Sudan</b>		
Description of Duties <ul style="list-style-type: none"> <li>• <b>Research and feasibility studies</b></li> <li>• <b>Material &amp; laboratory testing</b></li> <li>• <b>Gis and remote sensing</b></li> <li>• <b>Detailed design of projects</b></li> <li>• <b>Project evaluation and follow-up</b></li> <li>• <b>Building engineering services</b></li> </ul>			

**Research (Conferences and Papers)**

Type	Title	Date	Details
Conference proceeding	International Conference on Geotechnical & Highway Engineering 26 to 27 May 2008, Kula Lumpur, Malaysia	2008	Adil A. M. Elhassan and Ahmed M. Elsharief, "Effects of lime on the intrinsic swelling and shrinkage of clay Soils from sudan"
Conference proceeding	International Conference On Geotechnical Engineering (ICGE, 13) held in hammamet (Tunisia) 21 to 23 February 2013.	2013	Adil Abdallah Elhassan, Mohamed El-Byhagi El-Fadil & Omer Gurham, "Stability analysis of unsaturated slopes using Jet fill tensiometers"
Conference proceeding	International Conference On Earthquake Geotechnical Engineering (ICEGE) held in Albert Long Hall, Bogazici university- Istanbul, Turkey 17 – 19 June 2013.	2013	Adil Abdallah Elhassan, Omer Gurham, & Elhussien Alarabi "Parametric evaluation of stiffened raft foundation on highly Expansive soil (Soil Structure Interaction)"
Conference proceeding	International Seminar on construction on weak rocks (SSSMGE & ISSMGE) held in Khartoum (Sudan) 29 <sup>th</sup> June to 1 <sup>st</sup> July 2013.	2013	El Fatih M. Ali, Hussein Elarabi, Ahmed M. Elsharief, Omer Gurham, Adil Abdallah, Rasha Abu Elgasim, Bashir Osman & Mohamed El Bayhagi "The International Seminar on construction on weak rocks"
Conference proceeding	5 <sup>th</sup> International young Engineers Conference (YGECE), France (Paris), 31 August – 1 September 2013	2013	Adil Abdallah Elhassan & Mohamed El-Byhagi El-Fadil "The effects of soil characteristic on rainfall Infiltration induce slope failure"
Journal paper	International Journal of GEOMATE, Vol 4, No 2, pp. 533-538, Japan, June 2013	2013	Adil A. M. Elhassan, Ahmed M. Elsharief, Awad E. M. Mohamed "Lime Stabilization of Tropical Soils from Sudan for Road Construction"
Journal paper	Electronic Journal of Geotechnical Engineering (EJGE ) Vol. 18 [2013], Bund. X, USA	2013	Adil A. M. Elhassan, Ahmed M. Elsharief, Awad E. M. Mohamed "The Reaction Products of Lime Treated Tropical Clay Soils and Their Impact on Strength Development"

## Research (Contd.)

<b>Journal paper</b>	<b>SUST Journal of Engineering and Computer Science (JECS), Vol. 15, No. 1, January 2014, Sudan</b>	<b>2014</b>	Rashid.A.M.Hussein, Sumya.A.Mohamed, Abusabah.E.Elemam & Adil.A. Alhassan <b>"Rheological Properties Evaluation of Sudanese Bentonite with Different Additives"</b>
<b>Conference proceeding</b>	<b>16<sup>th</sup>African Regional Conference on Soil Mechanics and Geotechnical Engineering (ICGE, 13) held in hammamet (Tunisia) 27 to 30, 2015 in Hammamet, Tunisia, www.cramsg2015.org</b>	<b>2015</b>	Adil A.M. Elhassan & Ahmed.M. Elsharief <b>" Effect of Salinity on Hydrated Lime Stabilized Swelling Clays from Sudan "</b>
<b>Conference proceeding</b>	<b>16<sup>th</sup>African Regional Conference on Soil Mechanics and Geotechnical Engineering (ICGE, 13) held in hammamet (Tunisia) 27 to 30, 2015 in Hammamet, Tunisia,</b>	<b>2015</b>	Adil A.M. Elhassan & Omer. G. Omer & Ahmed.M. Elsharief <b>"Application of the nchrp-1-28resilient modulus model for characterizing granular material in sudan"</b>
<b>Journal paper</b>	International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 8, August 2015	<b>2015</b>	The Qualitative Model Of Cost Estimate's Knowledge In Yemen
<b>Journal paper</b>	International Journal of Science, Engineering and Technology Research (IJSETR), Volume 4, Issue 10, October 2015	<b>2015</b>	Engineering Properties of Lime Stabilized Swelling Soils from Sudan
<b>Journal paper</b>	<b>International Journal of Research in Engineering &amp; Advanced Technology, IJREAT, Volume 3, Issue 6, Dec -Jan, 2016</b>	<b>2016</b>	Effect of Salinity on Hydrated Lime Stabilized Swelling Clay Soils from Sudan
<b>Journal paper</b>	International Journal of Science, Engineering and Technology Research (IJSETR), Volume 5 Issue 1, January 2016	<b>2016</b>	The Detailed Estimate Model for Construction Projects in Yemen

March, 2016

**Profile for. Dr. Adil Abdallah Mohammed Elhassan**

<b>Journal paper</b>	<b>International Journal of Research in Engineering &amp; Advanced Technology, IJREAT</b> , Volume 4, Issue 1, Feb -March, 2016	<b>2016</b>	Adil. A. M. Elhassan & Fathelrahman. M. A. Aboh & Izeldein. J. I. Ahmed "Investigation Of Ultimate Resisting Moment Of Reinforced Concrete Slabs Systems Using Yield Line Theory, Bs 8110 And Computer Soft Wares"
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**Research Interest**

I am interest in the following research areas:

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



**Research activity on February 2014~ up to Now**

Level	No of students	Details
<b>Diploma</b>	<b>26(four groups)</b>	<b>Main supervisor</b>
<b>Bachelor</b>	<b>27(nine groups)</b>	<b>Main supervisor</b>
<b>Master</b>	<b>3</b>	<b>Internal examiner</b>
	<b>1</b>	<b>External examiner for University of Khartoum</b>
	<b>8</b>	<b>Main supervisor</b>
	<b>1</b>	<b>Co-supervisor</b>
<b>PhD</b>	<b>0</b>	<b>Internal examiner</b>
	<b>0</b>	<b>External examiner</b>
	<b>0</b>	<b>Main supervisor</b>
	<b>1</b>	<b>Co-supervisor for SUST</b>

**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 (specialist).
- Sudanese Engineers Union.
- Sudanese Engineers Society.
- Sudanese Society for Soil Mechanics and Geotechnical Engineering (SSSMGE).
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**Headed and for participated in the following:**

- Evaluation the Civil Diplomas of Sudan University of Science and Technology (SUST) (Engineering Council, March 2010)
- Evaluation the Architecture Engineering for the Future University (Engineering Council, March 2014).
- Evaluation of the Khartoum College of applied studies (Engineering Council, October 2014)

## References

Reference Name <b>Ahmed Aelsharief</b>	Title <b>Dr</b>	Telephone Number <b>+249912144181</b>	Address <b>321- Khartoum-Sudan</b>
Can be Contacted? <b>Yes</b>	Company <b>Associate Professor (University of Khartoum)</b>		Fax <b>+24983779046</b>
Country <b>Sudan</b>	Cellular Phone <b>/</b>	Email Address <a href="mailto:aelsharief@yahoo.com">aelsharief@yahoo.com</a>	
Reference Name <b>Salih Elhadi Mohammed</b>	Title <b>Prof</b>	Telephone Number <b>+249912674694</b>	Address <b>407- Khartoum-Sudan</b>
Can be Contacted? <b>Yes</b>	Company <b>Sudan University of Science and Technology (The Vice-chancellor)</b>		Fax <b>/</b>
Country <b>Sudan</b>	Cellular Phone <b>/</b>	Email Address <a href="mailto:salihelhadi@yahoo.com">salihelhadi@yahoo.com</a>	
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Can be Contacted? <b>Yes</b>	Company <b>Faculty of Architecture &amp; Planning (SUST)- Dean of college (Associate Professor)</b>		Fax <b>/</b>
Country <b>Sudan</b>	Cellular Phone <b>/</b>	Email Address <a href="mailto:@yahoo.com">@yahoo.com</a>	
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Country <b>Saudi Arabia</b>	Cellular Phone <b>/</b>	Email Address <a href="mailto:sami_1962@Hotmail.com">sami_1962@Hotmail.com</a>	
Reference Name <b>Yassir M Abbas, BSc</b>	Title <b>Dr</b>	Telephone Number <b>/+966-146-92996</b>	
Can be Contacted? <b>Yes</b>	Cellular Phone <b>/</b>	Company <b>King Saud University (Assistant Professor)</b>	
Country <b>Saudi Arabia</b>		<a href="mailto:yabbas@ksu.edu.sa">yabbas@ksu.edu.sa</a>	
Reference Name <b>Fathelrahman Mohamed Adam</b>	Title <b>Dr</b>	Telephone Number <b>/+966-146-92996</b>	
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