

CURRICULUM VITAE

Dr. Nagi Zomrawi Mohammed Yousif

Albaha University

CURRICULUM VITAE

Personal Information:

- **Name:** Nagi Zomrawi Mohammed Yousif
- **Nationality:** Sudanese
- **Religion:** Muslim
- **Marital Status:** Married & Father
- **Occupation:** Associate Professor,

Qualifications:

1. Academic Qualifications:

- 2006 - Ph. D. in Surveying Engineering – University of Khartoum.

2. Ph. D. Dissertation

- The Effect of Scanning Resolution in Digital Photogrammetric Workstation
- **Field of Research:** Geomatics i.e. Surveying, Mapping, Digital Photogrammetry, Remote Sensing, Geographical Information System (GIS) and Global Positioning System (GPS).

3. Training and Short Courses:

- 2021 Scientific publication in Scopus and ISI, Albaha University.
- 2021 Basics of Block chain technology, Albaha University.
- 2021 NLP for self-development, Albaha University.
- 2021 ISI Scientific Journal classification, Albaha University.
- 2020 EBSCO Data base, Saudi Digital Library.
- 2020 Full Stack Development Track, 1 Million Arab coders initiative.
- 2020 – quality practice is the responsibility of all.
- 2019 – Application of QM quality in e-learning material. E-learning committee in KSA.
- 2019 – Infographic design in e-learning, Albaha University, KSA.
- 2019 – Evaluation of Program learning outcomes, Albaha University, KSA.
- 2019 – Information security, Albaha University, KSA.
- 2019 – Using cloud computing in university learning, Albaha University, KSA.

- 2019 – Applications of OneNote program, Albaha University, KSA.
- 2018/2019 – Rafid Platform (Blackboard) for developing and teaching subjects using E-Learning tools (on job coarse) – Deanship of e-learning and information technology, Albaha University, KSA.
- 2019 – Using strategic active learning in university student teaching, Albaha University, KSA.
- 2019 – Tools of using and activation Rafid E-Learning Platform, Albaha University, KSA.
- 2019 – Basic requirements for university student guidance, Albaha University, KSA.
- 2018 – Basic concepts in major performance indexes, National center of performance, KSA.
- 2017 – Condensed Program of basic Skills of Using Blackboard E-learning System - Albaha University, KSA.
- 2015 – Skills of Using Blackboard E-learning System - Albaha University, KSA.
- 2013 - Moodle E-learning System - Computer Center - Sudan University of Science and Technology.
- 2013 - Student Registration System - Computer Center - Sudan University of Science and Technology.
- 2012 - Applications of End note package in writing scientific papers - Computer Center - Sudan University of Science and Technology.
- 2012 -Computer aided design of educational material - Computer Center - Sudan University of Science and Technology.
- 2011 - The Advance Training Course in Interactive E-Learning Design - University Staff Performance Development Center - Sudan University of Science and Technology.
- 2011 - Strategic Planning – Karary University.
- 2009 - Internet Application - Sudan University of Science and Technology.
- 2007 - University Staff Development - Sudan University of Science and Technology.
- 2004 - Basic Concept of IT, AutoCAD & Mat lab - Ministry of Higher Education.
- 2003 - Geographical Information System and Surfer Package - Sudan Military Survey.

- 2002 - Geographical Information System - Center for Engineering and Technical Studies 'CETS'.
- 1999 - Remote Sensing Technology and Geographical Information System - Sudan Remote Sensing Authority - Ministry of Science and Technology.

Key Experiences

1. Management Experiences:

- Researcher 2005 up to date.
- 2014 – 2020 Associate professor, Albaha University, KSA.
- 2012 - 2014, Secretary of Academic affairs- Sudan University of Science and Technology.
- 2011 - 2012, Deputy Dean - college of Technology - Sudan University of Science and Technology
- 2010 - 2011, Head of Civil Engineering Department - College of Engineering- University of Karary
- 2009 - 2010, Deputy Dean of engineering studies - college of Technology - Sudan University of Science and Technology
- 2008 - 2009, Head of Engineering studies department - College of Technology - Sudan University of Science and Technology
- 2005 - 2008, Head of Surveying Engineering department - College of Engineering - Sudan University of Science and Technology
- 1998 - 2006, Assistant Professor, Lecturer, Teaching assistant - Sudan University of Science and Technology

2. Professional Experiences:

- Post graduate student supervisor 2006 up to date
- 2015 to 2020 – Albaha University, college of engineering quality and accreditation committee member
- 2010 to 2011 - Sudan Survey Standards Committee - Sudan Survey Authority
- 2008 to 2009 - Consultant committee of Khartoum State Photography Project- Khartoum Survey - Ministry of Physical planning - Khartoum State
- 2008 - Sudan Survey Authority Training Committee
- 1998 – Khartoum University Consultant Authority (Different Projects)
- 2007 – Sudan Engineering Digital Information Center - Sudanese Sugar Company Project
- 2007 - Consultant Committee of Khartoum State Survey Network

- 2005 to 2008 - Heavens International Company (Different Projects in Khartoum)

3. Teaching Experiences:

(a) Undergraduate

Albaha University, KSA

- E-learning through Blackboard, 2019 - 2020 Surveying 1 – 5th semester Civil and Surveying 2 – 6th semester Civil 2013/2020
- Surveying I – 3rd year Civil 2014/2021
- Surveying II – 3rd year Civil 2013/2021

Sudan University of Science and Technology

- Digital Photogrammetry - 5th Year B.Sc. Surveying - 2012/2013
- Digital Photogrammetry - 5th Year B.Sc. Surveying - 2011/2012
- Analytical Photogrammetry - 5th Year B.Sc. Surveying - 2008 / 2009 & 2010 / 2011
- Remote Sensing - 5th Year B.Sc. Surveying - 5th Year B.Sc. Surveying - 2000 to 2010
- Digital Mapping - 5th Year B.Sc. Surveying - 2009 / 2011
- Surveying I - 3rd Year B.Sc. Civil - 2004 / 2005 & 2006 / 2007
- Hydrographic Surveying - 3rd Year B.Sc. Surveying 2000 / 2001 & 2003 / 2004
- Remote Sensing - 3rd Year Diploma in Surveying - 2000 to 2010
- Aerial Surveying III - 3rd Year Diploma in Surveying - 2000 to 2010
- Aerial Surveying II - 2nd Year Diploma in Surveying - 2005 - 2008
- Engineering Drawing - 1st Year Diploma in Surveying- 2004/ 2005 & 2006 / 2007
- Plane Surveying - 1st Year Diploma in Surveying - 2004 to 2011
- Control Surveying - 1st Year Diploma in Surveying - 2004 to 2008
- Computer Science - 1st Year Diploma in Surveying - 2004 / 2005 & 2006 / 2007
- Remote Sensing - 3rd Year Diploma in Environment - 2008 / 2009 & 2010 / 2011
- Graduation Projects - 5th Year B.Sc. Surveying - 2000 to 2011
- Graduation Projects - 3rd Year Diploma in Surveying - 2000 to 2011
- Survey Camp - 5th Year B.Sc. Surveying - 2000 to 2011
- Survey Camp - 3rd Year Diploma in Surveying - 2000 to 2011

University of Khartoum

- Analytical Photogrammetry - 5th Year B.Sc. Surveying - 2004 to 2008
- Aerial Surveying I - 3rd Year Surveying - 2005 / 2006
- Surveying II - 3rd Year B.Sc. Civil - 2004 / 2005 & 2006 - 2007
- Descriptive Geometry - 1st Year Diploma in Surveying - 2000 to 2007

Karary University

- Photogrammetry I - 3rd Year B.Sc. Surveying - 2004 to 2013
- Photogrammetry II - 4th Year B.Sc. Surveying - 2005 to 2013
- Photogrammetry III 5th Year B.Sc. Surveying - 2011 to 2013
- Remote Sensing II - 3rd Year Diploma in Surveying - 2006 to 2011
- Remote Sensing I - 3rd Year Diploma in Surveying - 2010 / 2011
- Graduation Projects - 5th Year B.Sc. Surveying, 5th Year B.Sc. Civil Engineering - 2006 up to now.

Joba University

- Surveying II - 3rd Year B.Sc. Civil - 2006 / 2007 & 2008 / 2009

Alnasir Technical College

Surveying - 1st Year Diploma in Building - 2000 to 2005

Khartoum Technical College

- Surveying - 1st Year Diploma in Architecture - 2001 / 2002

Military Survey

- Design and Teaching a short course program in **GIS** - 2003

Khartoum State Survey

- Design and Teaching a short course program in **Land Surveying** - 2006
- Design and Teaching a short course program in **Analytical and Digital Photogrammetry** - 2008

(b) Postgraduate

Sudan University of Science and Technology

- Applications of Geomatics, M.Sc. in Road Engineering – SUST, 2007 / 2008 & 2010 / 2011 & 2011/2012 & 2013/2014
- Digital Image Processing, M.Sc. in GIS & Remote Sensing, SUST, 2010 / 2011
- Digital Mapping - M.Sc. in GIS and Geodesy, SUST, 2006 / 2007
- Remote Sensing - M.Sc. in GIS and Remote Sensing, SUST, 2008 / 2009
- Digital Photogrammetry - M.Sc. in GIS and Remote Sensing, SUST, 2010 / 2011

Karary University

- Photogrammetric Mapping, M.Sc. in GIS and Remote Sensing, 2018/ 2019

Itisalat Academy

- Digital Photogrammetry - M.Sc. in GIS and Remote Sensing - 2007 / 2008 & 2009 / 2010

Sudan Academy for Science and Technology

- Digital Photogrammetry - M.Sc. in GIS and Remote Sensing – 2006 / 2007 & 2009 / 2010

Post Graduate Supervision:

1. Fatima Humada, Ph.D., Omdurman Islamic University.
2. Muawiya Mohammed Elamin, Ph.D., Omdurman Islamic University.
3. Iman Esa Ahmed, Ph. D., Sudan University (2017).
4. Mohammed Fatur Zaid, Ph. D. - Sudan University (2015).
5. Inaiat Alla Osman, Ph. D. Sudan University.
6. Hussameldin Mustafa Elhaj Mohamed, M. Sc. (2013), Sudan University.
7. Huzifa Mohamed (2013), M. Sc., Sudan University.
8. Eiad Abbas Magbool (2013), M. Sc. – Sudan University.
9. Sanaa Elshekh Eltigani (2013), M. Sc. – Sudan University.
10. Iman Esa Ahmed, (2013) M. Sc. – Sudan University.
11. Mohammed Badredin M. Sc. (2013) - Sudan University.
12. Mohamed Ahmed Hussien (2013), M. Sc. - Sudan University.
13. Ahmed Ghazi kamil, (2013) M. sc., Sudan University.
14. Munzir Badr Eldeen (2010) - M. Sc. - Sudan University.
15. Abou Elhassan Mohammed (2010) - M. Sc. Sudan University.
16. Nahid Hamed Hamad - (2009) - M. Sc. - Sudan University.
17. Fath Erahman RizigAlla (2008) - M. Sc. - Sudan University.

Internal and External Examiner:

- Wail Ahmmed - M. Sc. (2014) - Internal Examiner -Sudan University
- Mohammed Eltahir Sorain - M. Sc. (2014) - External examiner - University of Khartoum.
- Omar Ahmmed - M. Sc. (2012) - Internal Examiner -Sudan University

- Osman Bakry - M. Sc. (2010) - Internal examiner - Karary University
- Elhadi Elnazir - Ph.D. (2010) -Internal Examiner-Sudan University

Research Projects:

- Photogrammetry
- Global Positioning System (GPS)
- Geographical Information System (GIS)
- Image Processing and Remote Sensing
- Digital Mapping
- Tracking
- Marine Information System
- Application of Artificial Neural Networks (ANN) in Surveying
- Academic and University Educational
- E-learning

Memberships:

1. Reviewer:

Uttar Pradesh Journal of Zoology (ISSN: 0256-971X)
 Journal of Mountain Science (ISSN 1672-6316)
 Journal of Geodesy (ISSN:1432-1394)
 Asian Journal of Geoinformatics (ISSN: 1513-6728)
 Journal of Surveying Engineering (ISSN: 0733-9453)
 Journal of Science and Technology, SUST (ISSN: 1605-427x)
 University of Almir Naif Journal, KSA

2. Technical Society Memberships

- Sudan Engineering Council
- Sudan Survey Society
- Other Different Technical and Academic Committees.

3. Social Society Memberships

- United Family Society Membership.
- All Saffa Society Membership.

Publications: (More than 40)

Recent Publications:

1. Nagi Zomrawi Mohammed, Publication Peer Reviewing, World journal of engineering research and technology (WJERT),, Volume 7 Issue 2, March, 2021.
2. Nagi Zomrawi Mohammed, Towards an Effective University E-Learning, International Journal of Trend in Scientific Research and Development (IJTSRD), Volume 4 Issue 5, August 2020.
3. Nagi Zomrawi Mohammed and Eiman Eisa Ahmed Elhaj, Assessment of Pharmaceutical Service Distribution Using GIS (A case study of Khartoum locality), International Research Journal of Engineering and Technology (IRJET), Volume: 7 Issue: 6, June 2020.
4. Nagi Zomrawi and Abdelrahim Elhag, Analysis of Sand Dunes Accumulation Using Remote Sensing and GIS, International Journal of Trend in Scientific Research and Development (IJTSRD), December 2019.
5. Nagi Zomrawi, Efficiency of E-learning from Students Perceptions, A case Study of Albaha University KSA, world journal of engineering research and technology, May 2019.
6. Nagi Zomrawi, Engineering Surveying Course Taught to Civil Engineering Students in KSA Universities: A Case Study of Albaha University, International Journal of Trend in Scientific Research and Development (IJTSRD), October 2018.
7. Nagi Zomrawi Mohammed and Iman Issa, Eevaluation Study of Common Map Users Requirements, International Journal of Trend in Scientific Research and Development (IJTSRD), May 2018.
8. Nagi Zomrawi Mohammed, Nagi Methods of Map Quality Evaluation, International Journal of Engineering and Advanced Technology Studies, Vol.5, November 2017.
9. Eiman Eisa Ahmed Elhaj and Dr. Nagi Zomrawi Mohammad, A study of Recent Police Stations Extension in Khartoum Using GIS, International Journal of Engineering Sciences & Management, 7(2): April-June 2017.

10. Eiman EisaAhmed Elhaj, Dr. NagiZomrawi Mohammad and Dr. A/Rahim Elhag, Recent Development of Secondary School Coverage in Khartoum, International Journal of Trend in Research and Development, Volume 4(3), 2017.
11. Nagi Zomrawi Mohammed and Iman Issa, Analysis of Basic Education Extension in Khartoum State Using GIS, International Journal of Trend in Research and Development, Volume 4(3), 2017.
12. Nagi Zomrawi Mohammed and Iman Issa, A Study of Health Services Coverage in Khartoum State Using GIS, International Journal of Trend in Research and Development, Volume 4(1), 2017.
13. Nagi Zomrawi, Surveying state-of-the art, International Journal of Engineering Sciences & Management, Volume 5 Issue 5, October-December 2015.
14. Nagi Zomrawi and Mohammed Fator, Technical Evaluation of Khartoum State Mapping Project, International Journal of Multidisciplinary Science and Engineering (IJMSE), VOL. 6 Issue 5 may 2015.
15. Mohammed Fator and Nagi Zomrawi, Etrex Garmin GPS Receiver Accuracy Testing, International Journal on Recent and Innovation Trends in Computing and Communication, Volume 3 Issue 5, May 2015.
16. Omer Hassan, Elhadi Elnazeer and Nagi Zomrawi, Application of Artificial Neural Network for Height Modelling, International Journal on Recent and Innovation Trends in Computing and Communication, volume 3, Issue 3, March 2015.
17. Nagi Zomrawi Mohammad, Mohammed Alsir and Mohammed Hassan, Developing A Tracking and Mobile Mapping System, International Journal of Computer Science and Telecommunications, Volume 5, Issue 12, December 2014.

Other Publications

- Nagi Zomrawi, The Roll of Technical Education and Short Courses in Developing Survey Work in Sudan (in arabic), journal of Engineer, Sudan Engineering Society (2008).
- And others publications.

Conferences, Seminars and Workshops:

- External reviewer visit for academic accreditation, Albaha University, KSA, 2018.
- 2015 Albaha University, First Forum of Academic Accreditation Future Vision.
- 2014 Albaha University, Universities Excellency and Accreditation.
- 2014 Albaha University, Process of research funding application in Saudi Arabia universities.
- 2013 National Strategy for the Development of Statistics in Sudan, Ministry of Higher Education, Khartoum, Sudan.
- 2013 Union of Arab Universities, Excellency and accreditation and external evaluators, Zaytona University, Amman, Jordan.
- 2013 -Arab universities Admission and Registration conference, Alexandria, Egypt.
- 2012 - Leaders and Experts First Forum of Technical and Vocational Education in Arabian Countries.
- 2012- Conference of Education, Khartoum, Sudan.
- 2010 - Dependent Approach of Technical Learning workshop, Khartoum.
- 2009 - Darfur land Commission Seminar, Khartoum.
- 2008 – Workshop of North South Boundary Committee, Khartoum.
- 2008 - 2010 & 2011 - Conferences of GIS in Sudan - National Information Center, Khartoum.
- 2008 - Ministry of Development and Environment workshop, Khartoum.