



DR.ELFARAZDAG MAHJOUB MOHAMMED HUSSEIN

Assistant professor



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KSA- Tabuk

Address: University of Tabuk- Faculty of Science-
epartment of Statistics.

ABOUT ME

Nationality: Sudanese

Date of Birth : 20/05/1972

Marital Status : Married

LANGUAGE

Mother tongue: Arabic

other languages English

Understand

Easily Not Easily

Speak

Easily Not Easily

Write

Easily Not Easily

Read

Easily Not Easily

Education



Date of Obtaining Degree Obtained	Name & Location of Institution of Learning	Academic Date of Obtaining	Main Field of Study
November, 2010	University of Juba	PhD	Statistics
December, 2002	University of Juba	M.Sc	Statistics
December, 1996	University of Juba	B.Sc	Statistics, and Demography
August, 1997	University of Juba	Diploma	Automated Information System
February, 2002	University of Khartoum	Course	Statistical Package for Social Sciences

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Professional Experience

Teaching Assistant: Department of Statistics, Mathematics and Demography, College of Social and Economic Studies, University of Juba, Sudan. (September, 1997 – December, 2002).

Duties: Preparing student's results – Teaching and Tutorials.

Lecturer: Department of Statistics, Mathematics and Demography, College of Social and Economic Studies, University of Juba, (December, 2002 – November, 2010).

Duties: Student's research supervision+ Teaching Analyzing research data.

Assistant Professor, University of Juba, College of Social and Economic Studies, Department of Statistics, Mathematics and Demography. (November, 2010– Dec.2011)

Head Department of Statistics, College of Social and Economic Studies, University of Juba, Sudan (From: June, 2007 up to Dec.2011).

Duties: Oversaw all administrative responsibilities within the department, including course load distribution, processing student results, participating in College Board meetings on college development, and serving as a member of the University Senate.

Quality Supervisor, Deanship of Quality and Academic Accreditation, University of Tabuk, Saudi, Arabia (2011–2012).

Head Department of Statistics, University of Tabuk, Faculty of Science, Department of Statistics, (2013 up to 2016).



Field Experience:

Monitoring the fifth Sudan Population Census as State Monitor April 2008, Sudan, (Eastern Equatoria State)
Research Consultant (Out of School Children Initiative)
, UNICEF, March 2011, Sudan



Participating the **Statistics Program Self Study Report** during program accreditation (Responsible from Standard four), 2024/2025.

Applied Skills:

Data analysis using (EXCEL_SPSS_ R)
Designing Questionnaires

Sample of Published Scientific Papers:

- **On Use of Predictive Technique for Estimation of Population Mean Using Auxiliary Information: Application on Real Data Sets**
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS
2025, Vol. 18, Issue 2, Article Number 6019
ISSN 1307-5543 - ejpam.com
Published by New York Business Global
- **Generalized Class of Estimators for Median Estimation Using Auxiliary Information**
Sohaib Ahmad¹, Saadia Masood², Manahil SidAhmed Mustafa³,
Elsiddig Idriss Mohamed³, Elfarazdag M. M. Hussein³
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS
2025, Vol. 18, Issue 2, Article Number 5922
ISSN 1307-5543 - ejpam.com,
Published by New York Business Global
- **Modeling Financial Risk Using Discriminant Analysis: A Predictive Approach**
Atif Ali Yassin¹, Amin M. A. Haleeb ¹, Dalia Kamal Alnagar ¹
Elfarazdag M. M. Hussein ¹, Manahil SidAhmed Mustafa¹, Sara
Mohamed Ahmed Elsheikh¹, Walla Awad²
Pakistan Journal of Life and Social Sciences,
Pak. j. life soc. Sci -E-ISSN: 2221-7630; P-ISSN: 1727 21725-21737
:(2)22, (2024) 4915
- **Forecasting Mining Revenues in Saudi Arabia: A SARIMA "Approach for Economic Diversification under Vision 2030"**
Abu Elgasim Abbas Abow Mohammed¹, Dalia Kamal, Alnagar².
Amin M. A. Haleeb³, Yousef S. Alharbi⁴, Atif Ali, Yassin⁵ Elfarazdag
M. M. Hussein ⁶
Pakistan Journal of Life and Social Sciences, Pak. j. life soc
Sci :(2)22, (2024): Pak. j. life soc. Sci. (2024), 22(2): 21712-
21724E-ISSN -2221 P-ISSN: 1727-4915;7630

- **Modelling Saudi Arabia's Crude Oil Production with ARIMA and ETS Time Series Methods**
Dr. Amin M. A. Haleeb¹ , Dr. Elfarazdag M. M. Hussein¹
Remittances Review August 2024, Volume: 9, No: 4 –pp.1027 1040
- **Application of linear programming (assignment model)**
ELsiddig Idriss Mohamed Idriss¹, Elfarazdag Mahjoub Mohamed Hussein²
International Journal of Science and Research 4 (3), 1446–144
- **Trend of life expectancy in Sudan**
Elfarazdag M. M. Hussein, EM Idriss
International Journal of Science and Research (IJSR) ISSN 2319–7064 :(Online)
- **Forecast of Adult Literacy in Sudan**
Dr. Elfarazdag Mahjoub Mohammed Hussein
Journal for Studies in Management and Planning e-ISSN: 2395–0463 Volume 01 Issue 02 March 2015
- **Application of Linear Programming (Transportation Problem)**
Elfarazdag Mahjoub Mohammed Hussein¹ , Amin Mohammed Ali Haleeb
International Journal of Science and Research (IJSR) ISSN 2319–7064
- **Monitoring Human Development Index in Sudan, (2010).**
- **Out of School children Initiative .2011, UNICEF, Sudan, (OOSC)**

Sample of Workshops & Training:

- **Consumer Price Index,2005, University of Nile, Sudan.**
- **Core Welfare Indicators Questionnaire (CWIQ),2006Ministry of Finance and National Economics, Sudan**
- **Training in Social Research Methodology, December 2009 Organization for Social Sciences Research in Eastern and Southern Africa Sudan Chapter.**
- **Nonlinear Analysis and Optimization, March 2013. University of Tabuk, KSA**
- **Fixed Point Theory and Its Applications, May 2012, University of Tabuk, KSA**
- **Quality assurance for the academic program , 21/10/2020 Deanship of Development and Quality, University of Tabuk**
- **Teaching strategies and their consistency with learning outcomes, 27/10/2020, Deanship of Development and Quality, University of Tabuk**
- **Directing scientific dissertations and research projects in-order to solve the local community Problems, 09/02/2021 Deanship of Development and Quality, University of Tabuk**
- **Selection of statistical processes and analysis software in scientific research processes, 14/02/2021 Deanship of Development and Quality, University of Tabuk**
- **Measuring learning outcomes for the academic program and course (Part 2), 07/02/2021, Deanship of Development and Quality, University of Tabuk**

- قواعد معلومات دار المنظومة ، سبتمبر 2013 ، فعاليات الدورة التدريبية على قواعدالمعلومات للمكتبة الرقمية السعودية ، جامعة تبوك ، المملكة العربية السعودية.
- استخدام مصادر المعلومات الرقمية ، سبتمبر 2013 ، فعاليات الدورة التدريبية على قواعدالمعلومات للمكتبة الرقمية السعودية ، جامعة تبوك ، المملكة العربية السعودية.
- القيادات الاكاديمية – تجارب وممارسات، مارس2014، عمادة التطوير و الجودة , جامعة تبوك ، المملكة العربية السعودية.
- ضمان الجودة على المستوى المؤسسي و عمليات التقويم ، ذو القعدة 1433هـ، عمادةالتطوير و الجودة ، جامعة تبوك، المملكة العربية السعودية
- الاكاسيد النانوية خصائصها الفريدة و تطبيقاتها الرائعة – سلسلة التميز و الابداع العلمي 20/10/2020م، كلية العلوم بجامعة تبوك.
- المواد النانومترية للاستشعار و معالجة المياه ، 02/2021 / م ، كلية العلوم بجامعة تبوك .
- اعادة برمجة حيناتك /الطب التجديدي ، 8/12/2020 م ، كلية العلوم بجامعة تبوك.
- موجات كليفوردي و تطبيقاتها في الإشارات الحيوية، 06/10/2020 م ، كلية العلوم بجامعة تبوك