

CURRICULUM VITAE

Dr. Zakariya Mohammed Salih Mohammed

Statistical Consultant

Northern Border University, P.O. Box 1321, Arar 91431, Kingdom of Saudi Arabia

Email : zakariya.mohammed@gmail.com or zakariya.mohammed@nbu.edu.sa

Mobile: +966 55 9792 160



KEY EXPERTISE

Statistical Consulting | Applied Statistics | Biostatistics | Data Science | Capacity Building | Performance Indicators | Strategic Planning and Strategy implementation | Organizational Performance Management | Project Management

EDUCATION

- **2009:** PhD (Statistics), University of the Western Cape, South Africa
- **2004:** Postgraduate diploma in Mathematical Sciences, African Institute for Mathematical Science (AIMS), University of the Western Cape (in collaboration with University of Cape Town and University of Stellenbosch), South Africa
- **2002:** Master of Science in Statistics, University of Khartoum, Sudan.
- **2000:** BSc(Honours) joint degree in Statistics and Computer Science, Second Class-Division 1, *University of Khartoum, Sudan*

EXPERIENCE

1. October **2024** to date: Advisor, Center for Scientific Research and Entrepreneurship, Northern Border University.
2. January **2024** to date: Consultant, Data management and Performance Indicators, Northern Border University.
3. February **2020** to date: Project Management Office (PMO) Member, Northern Border University.
4. September **2021** to September **2023**: Consultant to the University President on

Performance Indicators and Statistics, Northern Border University.

5. December **2020** to date: Consultant, Decision Support Unit, General Admiration for Strategic Planning and Vision Realization, Northern Border University.
6. December **2020** to date: Consultant and Consultants Office Supervisor, Vice Presidency for Postgraduate Research and Scientific Research, Northern Border University.
7. June **2016** to November **2019**: Head, Statistics and Information Unit, Vice Presidency for Development, Quality and Community Service, Northern Border University, Saudi Arabia.
8. November **2013** to November **2015**: Head, Statistical Consulting and Research Services Unit, Northern Border University, Saudi Arabia.
9. October **2012** to date: Assistant Professor of Statistics, Northern Border University, Saudi Arabia.
10. April **2009** to date: Assistant Professor of Statistics, University of Khartoum (Currently on leave to work for the Northern Border University).
11. July **2009** to October **2012**: Head of the Department of Statistics, Faculty of Mathematical Sciences, University of Khartoum.
12. December **2009** to October **2012**: Director of the Statistical Consulting Unit, University of Khartoum.
13. February **2003** to April **2009**: Lecture of Statistics, Department of Statistics, Faculty of Mathematical Sciences, University of Khartoum.

CONSULTING AND OTHER PART-TIME POSITIONS

1. December **2017** to November **2019**: Consultant on two projects:
 - Building National Cohesion Indicator
 - Building Tolerance IndicatorKing Abdulaziz Centre for National Dialogue, Saudi Arabia
2. May **2017** to January **2018**: Consultant, Project on the Use of Big Data in Official Statistics - a project owned by the General Authority of Statistics (GaStat) and executed by Jadara Solutions, Saudi Arabia.

3. December **2014** to February **2016**: Head of Statistics Team, Self- Evaluation Study Project, Northern Border University, Saudi Arabia.
4. November **2010** to November **2011**: Consultant at MTN-Sudan (Mobile Telecommunication Network), Khartoum, Sudan
5. September to October **2010**: Visiting Consultant, the University of the Western Cape, Cape Town South Africa
6. November **2007** to December **2010**: Statistician at Faculty of Health and Wellness, Cape Peninsula University of Technology, Cape Town, South Africa.
7. January **2006** to December **2009**: Statistician at the Graduate School of Business, University of Cape Town, South Africa.
8. December **2005** to April **2009**: Statistician and Statistical support co-ordinator at the Division for Postgraduate Studies (PET Project) at the University of the Western Cape in Cape Town, South Africa.

SELECTED PROJECTS

1. Use of Big Data in Official Statistics - a project owned by the General Authority of Statistics (GaStat) and executed by Jadara Solutions, Riyadh, Saudi Arabia
2. Building Tolerance Indicator, King Abdulaziz Centre for National Dialogue, Riyadh, Saudi Arabia.
3. Building National Cohesion Indicator, King Abdulaziz Centre for National Dialogue, , Riyadh, Saudi Arabia.
4. Global Entrepreneurship Monitor Report [**2005**, **2006** and **2008** reports], University of Cape Town Graduate School of Business, South Africa
5. ICT Access in Higher Education, University of the Western Cape, South Africa
6. Customer Value Development, MTN, Sudan
7. Developing Research and Innovation Strategic Plan for the Northern Border University, , Northern Border University, Saudi Arabia.
8. Developing KPIs for the Northern Border University **2020-2025** Strategic Plan, Northern Border University, Saudi Arabia.
9. Developing KPIs Guide at the Northern Border University, Northern Border

University, Saudi Arabia.

10. Developing Risk Management Plan for the Northern Border University 2020-2025
Strategic Plan, Northern Border University, Saudi Arabia.

CAPACITY BUILDING: TRAINING COURSES AND WORKSHOPS

Presented more than **70** workshops, training courses and seminars in South Africa, Sudan and Saudi Arabia. The workshops covered topic including (but not limited to):

- Survey methods and study designs
- Data management and data quality assurance
- Application of statistics in various industry (e.g. health, business ...)
- Analysis and presentation of data
- Utilization of statistical software packages in the data management and analysis.
- Strategic planning

PROFESSIONAL MEMBERSHIP

- Member of Royal Statistical Society, UK
- Member of Saudi Association of Statistical Science, KSA

RESEARCH OUTPUT

ORCID ID: <https://orcid.org/0000-0003-4371-5711>

GOOGLE SCHOLAR: [HTTPS://SCHOLAR.GOOGLE.COM/CITATIONS?USER=8D-HZCIAAAJ&HL=AR](https://scholar.google.com/citations?user=8D-HZCIAAAJ&hl=ar)