

C. V.

Name: BABIKIR AHMED MOBARAK AHMED

Nationality: Sudanese

Date of Birth: 1968

Marital Status: Married & Father for three Children.

Religion: Muslim.

Language: Arabic – English (Writing-Reading -Talking).

Mobile: 00966532706456 , 00249912215903

E-mails: bama_my@hotmail.com, bmobarak@bu.edu.sa
babikirmobarak64@gmail.com



Qualifications:

1. **PhD degree in GIS and Geomatic Engineering** (Universiti Putra Malaysia (UPM)) January 2011.
2. **M.Sc. in Geodetic Surveying Engineering** Sudan University of Science & Technology (SUST), Graduation Date –2003.
3. **B.Sc. in Surveying Engineering.** (SUST), Graduation Date –1996.
4. Principals of self assessment & quality insurance. Sudan University of Science & Technology, Khartoum, Sudan. December 2012.
5. Assets Valuation. Training and Self-Assessment Department, Collage of Engineering, Sudan University of Science & Technology, Khartoum, Sudan. February-August 2012.
6. Applications of Instructional Technology in University Teaching. Center of Performance Development, Khartoum University, Khartoum, Sudan. March 2012.
7. Evaluation and Measurement. Center of Performance Development, Khartoum University, Khartoum, Sudan. March 2012.
8. Systems and Methods of University Teaching. Center of Performance Development, Khartoum University, Khartoum, Sudan. March 2012.

9. GIS Day 2010, 4th March 2010, faculty of engineering, Universiti Putra Malaysia.
10. ISPRS working Group 11/4 Training Work Shop on Spatial Planning and Decision Support Systems, 10-12 November, 2007, University Putra Malaysia, Malaysia.
11. Statistical Analysis Using SPSS, 18-19 April, 2006, University Putra Malaysia, Malaysia.
12. GIS Overview and Appreciation, 22nd March, 2005, University Putra Malaysia, Malaysia.

Experiences:

1. November 2014 up to Date, Assistant Professor, Civil Eng. Dept., Al Baha University, Al Baha, KSA.
2. December 2012 to November 2014, **Deputy Dean**, Collage of Water & Environmental Engineering, (SUST).
3. September 2011 to December 2012, **Head Department of GIS**, School of Surveying Engineering, Collage of Engineering, (SUST).
4. Member of Committee of Preparation of B. Tech (Hons) in Water Resources Engineering and Environmental Engineering Program Proposals, Collage of Water & Environmental Engineering, (SUST).
5. February 2013 to November 2014, Graduate Studies Coordinator, Collage of Water & Environmental Engineering, (SUST).
6. October 2012 to March 2013, Graduate Studies Coordinator, School of Surveying Engineering, Collage of Engineering, (SUST).
7. From June 2011 to November 2014, assistance professor, school of surveying engineering, college of engineering, (SUST). Teaching many of courses (Surveying courses for departments of Surveying, Civil, Architecture, Water resources, Environmental Eng.), remote sensing, geographic information system (GIS), GPS.
8. From 2003 to 2005, lecturer in surveying engineering Department, college of engineering, (SUST).
9. From 1997 to 2003, teaching assistance at the same department and faculty above, SUST.

Journals & International Conference Publications:

- 1** Land Use Land Cover Change Analysis for Urban Growth Prediction Using Landsat Satellite Data and Markov Chain Model for Al Baha Region Saudi Arabia. *Forests* 13 (10), 1530 (MDPI), 20 September 2022.
- 2** Land Cover Mapping Using GIS and Remote Sensing Databases for Al Baha Region Saudi Arabia. *Applied Sciences* 12 (16), 8115(MDPI), 13 August 2022.
- 3** Change Detection Techniques using Optical Remote Sensing: A Survey. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)* Volume 17, No 1, pp 42-51, 2016.
- 4** Radar Reflectance Model for the Extraction of Height from Shape from Shading Technique. *International Journal of Research in Engineering and Technology (IJRET)*, Volume: 05 Issue: 01 | Jan-2016.
- 5** Calibration of the Relative Heights Measurements of Radarclinometry into Absolute Heights. *International Journal of Engineering Research & Technology (IJERT)* ISSN: 2278-0181 Vol. 4 Issue 11, November-2015.
- 6** Impact of the Integrability constraint on Radar Shape-from-Shading. *International Journal of Engineering Trends and Technology (IJETT)* – Volume 29 Number 5 - November 2015.
- 7** Smoothing of the Surface Estimates from Radarclinometry. *International Research Journal of Engineering and Technology (IRJET)*, Volume: 02 Issue: 08 | 2015.
- 8** Generation of DEMs from Single SAR Image Using Radar Shape from Shading Technique. *International Geoinformatics Research and Development Journal (IGRDJ)*, Vol. 1 (1); pp. 59-69, 2010.
- 9** Reduction of Noise from the Measurements of Radarclinometry in Fourier Domain, *Map Asia 2010 & ISG 2010*, 26-28 July, 2010, Kuala Lumpur, Malaysia.
- 10** Calibration Model for Transformation of SFS measurements. *MRSS 6th International Remote Sensing & GIS Conference and Exhibition “Geospatial Solutions for the Future”* 28-29 April 2010, PWTC, Kuala Lumpur, Malaysia.
- 11** Height from Single Radar Images Using Shape from Shading. *International symposium and Exhibition on geoinformation (ISG)*, Kuala Lumpur, Malaysia, 10-11 August, 2009.

12 Analysis of Speckle Filter.6th Annual International Conference and Exhibition on Geographic Information Technology and Applications (Map Asia), Kuala Lumpur Convention Center, Kuala Lumpur, Malaysia, 2007.