

1. Name:

Ismat M. Elhassan

2. Education – degree, discipline, institution, year:

PhD, Surveying Engineering, Photogrammetry, University of Glasgow, UK, 1978

3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (e.g., 2002-2007), full-time or part-time

University of Khartoum, Assistant Professor, Dr., 1978-1980, Full Time  
King Saud University, Assistant Professor, 1980-1990, Full Time  
King Saud University, Associate Professor, 1990-2002, Full Time  
King Saud University, Professor, 2002-2021, Full Time

4. Non-academic experience – company or entity, title, brief description of position, when (e.g., 2008-2012), full-time or part-time

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5. Certifications or professional registrations

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6. Current membership in professional organizations

Sudan Engineering Society

7. Honors and awards

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8. Service activities (within and outside of the institution)

Reviewing articles for publication in KSU Journal for Engineering Sciences  
Reviewing candidates works for academic promotion in other institutions

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

- 1-Elhassan, I. M. 2020. "Evaluation of Height Accuracy from High Resolution Worldview-3 Stereo Satellite Imagery". WJERT, November, 2020, Vol. 6, Issue 6 XX-XX. pp. 39-51.
- 2- Bilani, H. and Elhassan, I. M. 2020. "Geoid Modelling for Surveying Works Using Satellite Geo-Spatial Data". Civil Engineering Research Journal, Vol 10 Issue 2, July 2020.
- 3- Elhassan, I. M. 2019. "Checking Manufacturer's Height Accuracy of a Total Station". WJERT 2019, vol. 5, Issue 3, pp 42-53.
- 4- Elhassan, I. M. 2019. "Accuracy Comparison of Total Station and Global Positioning System in Determining Height within an Urban Environment". WJERT 2019, vol. 5, Issue 2, pp 246-262
- 5-Elhassan, I. M. 2018. "Towards a Modern Surveying Engineering Curriculum". FIG Congress 2018, Istanbul, Turkey, May 6-11, 2018.
- 6- Elhassan, I.M. 2017. "Testing RTK GPS Horizontal Positioning Accuracy within an Urban Area". Journal of Engineering and Technology, Vol. 6, No. 3, pp. 17-24.

- 7- Elhassan, I. M. 2017. “Applications of Astrolab in Land Surveying by Early Muslims”. 1<sup>st</sup> International Congress on Muslims and Arabs History Contribution to Applied and Medical Sciences, 5-8 May 2017, Imam Mohammed bin Saud University, Riyadh, KSA.
- 8-Elhassan, I. M. 2015. “A linear Regression Relation between Photogrammetric Absolute Orientation Accuracy and Ground Control Distribution.” Journal of Geomatics, Vol. 9, No. 1, pp. 66-89.
- 9-Elhassan, I. M. 2015 “Development of Bathymetric Techniques.” FIG Working Week Sofia, Bulgaria, 17-21 May 2015

10. Briefly list the most recent professional development activities

- 10-1. Second Annual Meeting for Geomatics and Surveying Scholars, Riyadh, Saudi Arabia, 3.7.2018
- 10-2. FIG Congress 2018, Istanbul, Turkey, May 6-11, 2018.
- 10-3. First International Congress on Muslims and Arabs History Contribution to Applied and Medical Sciences, University of Imam Mohammed bin Saud, Riyadh Saudi Arabia, 5-8 May 2017
- 10-4. International Conference for Remote Sensing, Riyadh, Saudi Arabia, 17-20 January 2016
- 10-5. FIG Conference, Sofia, Bulgaria, 17-21 May 2015
- 10-6. Geospatial World Forum, Geneva, Switzerland, 5-9 May, 2014
- 10-7. Geospatial World Forum Beurs-World Trade Centre, Rotterdam, Netherlands, 13-1