

## **PUBLICATIONS**

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**2- Elhassan, I. M. 2019. "Accuracy Comparison of Total Station and Global Positioning System in Determining Height within an Urban Environment". WJERT**

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**3-Elhassan, I. M. 2018. "Towards a Modern Surveying Engineering Curriculum".**

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**4- 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.**

**5- Elhassan, I. M. 2017. "Applications of Astrolab in Land Surveying by Early Muslims". 1st International Congress on Muslims and Arabs History Contribution to Applied and Medical Sciences, 5-8 May 2017, Imam Mohammed bin Saud University, Riyadh, KSA.**

**6-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**

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**14-El Hassan, I. M. 2010. "A New Formula for Vertical Exaggeration in Stereophotographs". Map Asia 2010 Conference, 26-28 July 2010, KLCC, Kuala Lumpur, Malaysia.**

**15-El Hassan, I. M. 2010. "Digital Image Processing in Remote Sensing". An Arabic**

**Book, refereed and accepted for publication by King Saud University Scientific**

**Council, KSU Press, Riyadh, Saudi Arabia.**

**16-El Hassan, I. M. 2010. "Stereophotogrammetry". An Arabic Book, refereed and**

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**KSU Press, Riyadh, Saudi Arabia.**

**18- El Hassan, I. M. 2010. "Mapping Underwater Topography Using TM Imagery". Sudan Engineering Society Journal, Vo.56, No.55, pp43-55.**

**19- El Hassan, I. M. 2009. "Optical, Laser and Digital Leveling: A comparison in height and distance measurement". Research Report No.37/429 . Research Center,**

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