



Ali Bin Saeid, *Associate Professor*

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## PERSONAL DETAILS

**Date of Birth:** 1 January 1961  
**Marital Status:** Married, with five children

## EDUCATION

- **M.Phil. “New Algorithm for Three Dimension containment”** (1995), Surveying Department, The University of Newcastle (UK)
- **B.Sc. Civil Engineering** (1986), Civil Engineering Department, University of Tripoli (Libya)

## EMPLOYMENT HISTORY

- **2012 – 2015. Head of the Faculty of Engineering Staff Member Office**, University of Tripoli, Tripoli – Libya.
- **2013 – present Associate Professor at Civil Engineering Department, Faculty of Engineering University of Tripoli**, Tripoli – Libya.
- **2010 –2011 Part Time Assist. Prof. at Libyan Academy of High Graduate Studies**, Tripoli – Libya.
- **2005 –2011 Surveying unit coordinator, The Third Generation Planning project, University Engineering Consultation Office.**
- **2007–2012 Assistant professor at the Civil department Faculty of Engineering University of Tripoli**, Tripoli – Libya.
- **2003 – 2006 Engineering Drawing with (AutoCAD) Consultant at Technica Oil Services Company**, Tripoli – Libya.
- **2001 – 2002 Surveying Consultant at Libyan Railway Agency**, Tripoli – Libya.

- **2000 GIS Committee for General Environment Organization, Tripoli – Libya.**

- **2000 – 2007 Full time lecturer teaching many subjects such as; General surveying, Engineering surveying, Photogrammetry, Remote Sensing, Route Surveying, GIS, University of Tripoli, Tripoli – Libya.**

- **1996 – 2002 Engineering Drawing with (AutoCAD) Trainer at General Electronics Company, Tripoli – Libya.**

## **SECOND LANGUAGE**

- **English.**

## **AREA OF EXPERIENCE**

- **Geographic Information System applications.**
- **Map production**
- **Surveying**
- **Map Projection**
- **Climate Changes**

## **PUBLICATIONS**

Last papers published were:

- 1- " The Ideal Map Projection for Sea Ports" ICEEA. 2013. Singapore.
- 2- " Up Dating Large Scale Maps Using High Resolution Satellite Image". 4<sup>th</sup> International Conference on Environmental Science and Development (ICED) 2013, Dubai.
- 3- "Russell Projection and Mercator Projection by Harmonic Equations; Comparison Study" Proceeding of (INCOSET) 2012, Springer press, India.
- 4- "Large Scale Mapping (1: 5000 Vector and Raster) Using High Resolution Satellite Image". Journal of Engineering Research, Faculty of Engineering, Tripoli University, Issue (17), Sep. 2012, Libya.
- 5- "Sea Level Changes in Libya Using SRTM–DTM". 2<sup>nd</sup> International Conference on Environmental Science and Technology (PCBEE), Vol. 6, 2011, LACSIT Press, Singapore.
- 6- "Monitoring the Changes of the Costal Line Using Multi Temporal Landsat Images, MRSS 6<sup>th</sup> International Remote Sensing & GIS Conference and Exhibition, 2010, Malaysia.
- 7- "GIS Application to Mineral Resources in Libya", First International Conference and Exhibition on Geo-Resources in the Middle East and North Africa, Cairo University, Egypt, 2005.
- 8- A New Algorithm for 3D Containment in CAD and GIS Applications, Proceedings Book of ICETSR, 2014, Malaysia

9- Data Enhancement for Mineral Resources Using GIS and Remote Sensing. ICETA 2015, April 22- 24, 2015, Taipei, Taiwan.

10- System of Coordinate for Road Network

11- Remote Sensing & GIS Techniques for Gold Exploration. ICASETNR- 15, Aug. 27- 28, 2015, Kota Kinabalu, Malaysia

Articles in Arabic Lang.:

- النمذجة الأرضية الرقمية, مجلة المساحة, مصلحة المساحة, ليبيا 2000م.
- أثر الظواهر البيئية على سلامة الطرق, حلقة نقاش حول مشروع الجيل الثالث للمخططات, سرت, مكتب البحوث والاستشارات الهندسية, جامعة طرابلس, ليبيا 2006م.
- استخدام تقنيتي الاستشعار عن بعد ونظم المعلومات الجغرافية في دراسة الكوارث الطبيعية على المناطق الساحلية الحضرية, ندوة الجيل الثالث ومستقبل المدن في ليبيا, بنغازي, ليبيا 2006م.
- أنظمة التخریط بليبيا, مجلة الأستاذ العلمية, العدد الرابع, نقابة أعضاء هيئة التدريس, جامعة طرابلس, ليبيا 2013م.
- دراسة توزيع الموارد والخامات المعدنية في ولاية فزان - ليبيا باستخدام نظم المعلومات الجغرافية, المؤتمر العربي الدولي الرابع عشر للثروة المعدنية, (22-24) نوفمبر 2016, جدة, المملكة العربية السعودية.
- الدقة المكانية للمساقط المتحدة على ضوء الأجهزة المساحية الحديثة. مجلة البحوث الهندسية, جامعة طرابلس, سبتمبر 2017م.

## MASTER THESIS SUPERVIION

Supervisor for the following Master degrees:

- 1- "The Use of GIS in Studying and Evaluating Car Accidents in Tripoli Region" Civil Engineering Department, Tripoli University.
- 2- "Environment Disaster Management Using GIS" Department of Engineering Management, Tripoli University.
- 3- "The Effect Changing the Planning Areas Classification on Traffic movement" Civil Engineering Department, Tripoli University.

Co-Supervisor for the following Master degrees:

- 4- "Studying and Comparing Map Digitizing Methods" Mining Engineering Department, Tripoli University.
- 5- "GIS Application to Mineral Resources in Libya" Mining Engineering Department, Tripoli University.
- 6- "Large Scale Map Production from High Resolution Satellite Images" Civil Engineering Department, Tripoli University.

## PH. D. THESIS SUPERVIION

Co-Supervisor for the following Ph.D. degrees:

- 1- GIS-based visualization of integrated highway maintenance and construction planning: a case study on Transportation Projects Board – Libya. Faculty of Civil Engineering and Built Environment. UTHM university, Malaysia. On progress.

