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## PERSONAL DETAILS

**Date of Birth:** 10 January 1966  
**Marital Status:** Married

## EDUCATION

- **Ph.D. “Condition monitoring of mining machinery using particle size distribution”** (1993), Mineral Resources Engineering Department, The University of Nottingham (UK)
- **B.Sc. Mining Engineering** (1989), University of Nottingham (UK)
- **Advanced Level: Pure mathematics (Grade A), Applied mathematics (Grade A), combined mathematics (Grade A), Physics (Grade C)**, Barry Collage of Further Education Cardiff (UK)

## EMPLOYMENT HISTORY

- **2011 –present board chairman, University Engineering Consulting Office (UECO)**
- **2022 –present Director of the quality and performance evaluation office at the faculty of engineering.**
- **2019 –2022 Director of the graduate office at the faculty of engineering.**
- **2015 – 2017 Head of the Mining Engineering Department, Faculty of Engineering University of Tripoli, Tripoli – Libya.**
- **2010 – 2013 Head of the Mining Engineering Department, Faculty of Engineering University of Tripoli, Tripoli – Libya.**
- **2005 –2011 GIS unit coordinator, The Third Generation Planning project, University Engineering Consultation Office.**

• **2000 – 2005 Head of the Mining Engineering Department, Faculty of Engineering University of Tripoli, Tripoli – Libya.**

• **2015–present Associated professor at the Mining Engineering Department, Faculty of Engineering, University of Tripoli, Tripoli – Libya.**

• **1999–2015 Assistant professor at the Mining department Faculty of Engineering University of Tripoli, Tripoli – Libya.**

• **1995 – 1999 Full time lecturer teaching many subjects such as; Mine machinery, General surveying, Mine surveying, tunneling support etc, University of Tripoli, Tripoli – Libya.**

• **1993 – 1995 Part time lecturer at the Mining Department, Faculty of Engineering doing my national service as a substitute for military duties, university of Tripoli, Tripoli – Libya.**

## **LANGUAGES**

- **Arabic**
- **English.**

## **AREA OF EXPERIENCE**

- **Mineral resources**
- **Geographic Information System (GIS) applications.**
- **Quality management and quality assurance**
- **Map production**
- **Surveying**
- **Condition monitoring of machinery**

## **PUBLICATIONS**

Last papers published were:

- 1- 1. "The Study of the Distribution of Mineral Resources and Ores in the State of Fezzan" The 14th Arab International Mineral Wealth Conference 22-24 November 2016, Jeddah, Kingdom of Saudi Arabia.
- 2- "Mineral Resources and their role in promoting sustainable spatial development in central and south-east of Libya" The 14th Arab International Mineral Wealth Conference 22-24 November 2016, Jeddah, Kingdom of Saudi Arabia
- 3- "Revaluation of the surface presence of iron ores in Wadi El Shati - Central Libya, using analytical techniques (Landsat) " The 14th Arab International Mineral Wealth Conference 22-24 November 2016, Jeddah, Kingdom of Saudi Arabia

- 4- "Recycling Small Projects Portal - Case Study of Recycling Glass Waste" The 14th Arab International Mineral Wealth Conference 22-24 November 2016, Jeddah, Kingdom of Saudi Arabia
- 5- "Investment of Mineral Ores and their Role in the Development of the South-West of Libya", The 14th Arab International Mineral Wealth Conference 22-24 November 2016, Jeddah, Kingdom of Saudi Arabia
- 6- "Optimal exploitation of some mineral resources in the building materials industry in the central region of northern Libya" Third Forum of Industrial Rocks and Mining, Fujairah, United Arab Emirates, March 30 – 1 April 2015
- 7- "Remote Sensing & GIS Techniques for Gold Exploration" International Conference on Advances in Science, Engineering, Technology and Natural Resources (ICASETNR-15) Aug. 27-28, 2015 Kota Kinabalu (Malaysia)
- 8- "Data Enhancement for Mineral Resources Using GIS and Remote Sensing", International Conference on Engineering, Technology, and Applied Science (ICETA) 2015. 22-24 April 2015, Taipei, Taiwan
- 9- "Kaolinite Ores in South Libya and their potential for production of low ammonia thermal bricks", The 13th Arab International Conference on Mineral Resources, Marrakech, Kingdom of Morocco, 28-30 April 2014.
- 10- "Quarry reserve estimation using GIS", The Third International Forum and Exhibition on Economics of Mineral Resources in the Arab Countries, Cairo University, Egypt, 2012
- 11- "The application of GIS in Identify Mineral Resources in Libya" The International Conference on Digital Image Processing ICDIP2012, Kuala Lumpur, Malaysia, 2012.
- 12- "Geodatabase Design and implementation for mineral resources in Libya", GeoInformation Technologies to support Sustainable Development Conference, GITSDA"2008". 7/5/2008, Tripoli – Libya
- 13- "Use of Geographic Information Systems in the Production of Topographic, thematic and Planning Maps", Geographic Information Technologies to Support Sustainable Development Conference, 5/7/2008, Tripoli-Libya. T07T2008
- 14- "Application of GIS on Mineral Resources in Libya", First International Conference and Exhibition Geo Resources in the Middle East and North Africa, Cairo University, Egypt, 2005.

## **MASTER THESIS SUPERVISION**

Supervised the following Master degrees:

- 1- "Evaluation of the application of quality management in construction projects - Brega Oil Marketing Company as a case study", Department of Engineering Management, Tripoli University.
- 2- "Studying Geotechnical Properties of Dolomitic limestone in Western Libya", Mining Engineering Department, Tripoli University.
- 3- "Comparing Theoretical Blasting Designs with Practical Designs in Quarries" Mining Engineering Department, Tripoli University.

- 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- "Reserve estimation and quarry design using GIS" Mining Engineering Department, Tripoli University.
- 7- "Applying quality management in Suaq Al-Kamees cement factory", Department of Engineering Management, Tripoli University.