

Curriculum Vitae

Eng. Bashir Al-Maswari



Full Name: Bashir Saleh Mohammed Al-Maswari

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Qualifications:

- **M.Sc. in Transportation Engineering,** Thesis Title "*Optimal Selection of Remote Sensing Imagery for Mapping Applications: Fundamentals & software Development*", Alexandria University, Faculty of Engineering, Egypt, 2003.
- **B.Sc. in Civil Engineering.** The first order for the Civil Engineering graduated students with an overall Grade 82% (very good), Sana'a University, Faculty of Engineering, Yemen, June 1994.

Research Interests:

In the field of Engineering Surveying and Geodesy. Applications of Remote Sensing and Geographical Information Systems (GIS) in Civil Engineering.

Published Papers:

1. Mohamed M. Hosny, Ramadan K. Abd-Elmageed, Hossam F. El-Habrouk and Bashir Al-Maswari (2004), "*Image selection guide software for optimum use of remote sensing imagery for mapping applications*". Alexandria Engineering Journal AEJ, Vol.43, No.2, 237-245, Faculty of Engineering, Alexandria University, Egypt.
2. Bashir S. Al-Maswari and Hossam F. El-Habrouk (2004), "*Potential of space imagery in mapping applications*". Alexandria Engineering Journal AEJ, Vol.43, No.4, 505-511 Faculty of Engineering, Alexandria University, Egypt.

Academic Title:

Lecturer in the Civil Engineering Department (Specialist in Surveying, Geodesy and Highway Engineering).

Working Experience:

Academic:

- Lecturer at Emirates University from **October 2021 to present** for the following courses:
 1. Surveying 1.
 2. Surveying 2.
 3. Surveying for Architecture.

- Lecturer at International University of Technology Twintech from **February 2020 to present** for the following courses:
 1. Engineering Surveying 1.
 2. Engineering Surveying 2.
 3. Surveying for Architecture.
- Lecturer at Alnaser University **from 2018 to present** for the following courses:
 1. Traffic and Transportation Engineering.
 2. Highway Engineering.
 3. Surveying 1.
 4. Surveying 2.
- Lecturer at Tamar University (TU) **from 2017 to 2018** for the following courses:
 1. Geodesy.
 2. Highway engineering (1)
 3. Highway engineering (2).
- Lecturer at Alandalus University (AU) **from 2014 to 2016** for the following courses:
 1. Surveying (1) and (2).
 2. Traffic and Transportation Engineering.
- Lecturer at Yemeni Jordanian University (YJU). **from 2012 to January 2022** for the following courses:
 1. Surveying (1), (2) and (3).
 2. Civil Drawing.
 3. Pavements Design.
 4. Highway and Traffic Engineering.
 5. Projects Management.
- Lecturer at Sana'a University, Faculty of Engineering, Civil Engineering department. **from 2004 to present.** for the following courses:
 1. Surveying (1), (2) and (3).
- Assistant supervisor of Surveying projects for the final year students **from 1995 to 1999.**
- Demonstrator at Sana'a University (SU), Faculty of Engineering, Civil Engineering Department. **from 1994 to June 1999** for the following courses:
 1. Surveying (1), (2) and (3).
 2. Structural Analysis (1) and (2).
 3. Traffic and Transportation Engineering.
 4. Highway Engineering

Administrative:

1. Head of Central Control of the Faculty of Engineering, Sana'a University. **from 2017 to present.**
2. Responsible of Civil Engineering Department Control at Sana'a University, Faculty of Engineering. **from 2014 to present**
3. Youth Pioneer of the Faculty of Engineering, Sana'a University. **from October 2016 to March 2020.**

Practical: (28th years of experience in structural, highway and surveying projects)

Providing Surveying, Highway Engineering and Structural works for the following:

1. Engineering Consulting Center, Faculty of Engineering, Sana'a University, Yemen. **from 1997 to present.**

2. Team member participated on the studying and preparing the Terms of Reference and Design Parameters (General and specific Standards and Requirements of the Surveying works) for the design of the Yemen Mobile Company Main Office Building, Backup Data Center & Facilities Project (YMCCP). **from March to July 2017.**
3. Yemeni Consultant for Engineering, Yemen. **from 1995 to 2010.**
4. Mukbil Mubarak and Brothers Establishment, Yemen. **2004.**
5. Surveying and maps production of Tamar University's land in **1998.**
6. Ghamdhan Alquhali Corporation, Yemen. **1998.**
7. Surveying of Sana'a University's land in **1997.**

Training Programs & Workshops:

1. Run training course (lecturer and Trainer in Steer Your Career program for students of Azal University). INJAZ Yemen. **2019.**
2. Run training course (lecturer and Trainer on the Construction Management training program). Yemen education for employment (Yemen efe). **from May 2014 to July 2014.**
3. Attended and completed the Construction Management Training of Trainers (TOT) training program. Yemen education for employment (Yemen efe). **from April 27 to May 15, 2014.**
4. Run training course (lecturer and Trainer) on Modern Techniques of Surveying (Total Station and GPS) and using these Techniques in the Highway Projects for the Ministry of public Works and Highway Engineers, Faculty of Engineering, University of Sana'a. **June (2-10), 2013.**
5. Attended and completed a training course on the most modern techniques that used in surveying and highway field (Total Station & GPS/GNSS), MPWH, Yemen. **2012.**
6. Attended and completed a training course on Contract Management and Administration Works, RAP, MPWH. **from October 19 to November 2, 2010.**
7. Attended and completed a training course on The Preparation of Studies and Designs (Applicable Design Standards, Techno-Economic Feasibility Study, Highway Design, Pavement Design, Hydrology and Design of Structures, Road Safety, Construction Supervision and Post-Construction Services), RAP, MPWH. **from July 24 to August 7, 2010.**
8. Run training course (lecturer and Trainer) on Modern Techniques of Surveying (Total Station and GPS) for the General Authority of Rural Water Projects Engineers, Sunrise for Training and Consultancy, Sana'a. **March 2010.**

Gained Knowledge and Skills:

Good to very good knowledge in:

1. English Language Skills.
2. Programming software (VISUAL BASIC).
3. Geoinformatic softwares (ERDAS Imagine – ER-MAPPER – ArcGIS – MAPSOURCE–SURFER).
4. Structural Analysis and Design softwares (StaadPro – SAFE – SAP2000).