

Curriculum Vitae

Nasar Mohamed El Zawam Bahloul

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Nationality: Libyan

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Address: Libya – Sebha – Sebha University - Faculty of Science- Department of Geology

Marital Status: Married

Scientific degree : Associate professor.

Education History

- 2007 PhD. University of science and technology, Poland, Faculty of geology geophysics and environment protection, "In applied Geophysics ".
Title of research "Refraction seismic tomography".
- 1999 MSc. University of science and technology, Poland, faculty of geology geophysics and environment protection. "Major in applied geophysics."
Title of research "Wavelet in seismic processing".
- 1991 joint physics department at Sebha Uni. as demonstrate
- 1990 BSc. Sebha University "Libya" Faculty of Science Major in Physics.
- 1985 high School in Sebha "Libya".
- 1982 Secondary School in Sebha Libya
- 1979 primary School in Sebha

Work and Experience

- During my study in Poland for both of (MSc & PhD) I had opportunity of using *Seismic Processing System ProMAX*, for preparing my final result of data to my researches, my experience of using such system not less than four years.
- Also had opportunity to work with Geofizka Krakow Company in Poland for three months as " QC" using *Omega Seismic Processing System*

Languages and computer Skills

Arabic Native language

English Very Good

English Course in Canada (for six months)

Polish Poland " good in conversation"

2004 Course in polish language (four months)

Surfer program: of using 2D & 3D "geological surfaces"

Grapher program: of plotting diagrams of 1D & 2D

Microsoft packages: word, Excel, as well as power point

Internet Explorer

* MSc and PhD in English language

Teaching Courses

First at Sebha University

	<i>Title of Courses</i>	<i>Faculty of Science</i>	<i>Year</i>
1	Introduction to Physics for Geologists	Sebha Uni	1 st .
2	Geometrical Optics	Sebha Uni	2 nd
3	Introduction to Geophysical prospecting	Sebha Uni.	3 th .
4	Physics of the Earth	Sebha Uni.	4 th .
5	Geology II	Sebha Uni.	2 nd
6	General Geology		1 st .

Second Higher Institutes in Sebha

	<i>Title of Courses</i>	<i>Higher Institutes of Technology</i>	<i>Year</i>
1	Geometrical Optics	Higher Institutes	2 nd

Third at Alzetona & Beniwaled Univesities.

	<i>Title of Courses</i>	<i>Faculty of Petroleum Engineering</i>	<i>Year</i>
1	General Geology	Alzetona Uni. Beniwaled branch.	1 st .
2	Introduction to Geophysical prospecting	Alzetona Uni. Beniwaled branch	2 nd

Scientific interest

1- Geophysical prospecting for Hydrocarbons using Active field methods.

التنقيب الجيوفيزيائي عن الهيدروكربونات

2- Gravity Using Satellite data استعمال بيانات الأقمار الاصطناعية في حسابات

الجاذبية

3- Light and its properties

دراسة الضوء وخصائصه

List of publications

First Papers

- **imaging of near surface velocity heterogeneities of the medium in wave pattern of acoustic modeling**
- **Recovering near surface velocity by turning ray tomography – model study**
- **Wavelet processing of seismic data**
- **Detection of Rifted Continental Margin from Satellite Gravity Data**
- **Low Velocity Determination based on Seismic Tomography**
- **Mapping of Crustal Thickness, Moho depth, and lithosphere Thinning for Libya derived from Integration Satellite Gravity data with Geological and Geophysical Data**
- **Applied NMO Correction to Seismic Data (Dynamic Correction)**
Consider 2D Model Case

Second Books

- **Geometrical Optics**
- **Fundamentals Concepts of Seismic Explorations**

Development

1-Development Program for calculated and description location of Image from Spherical Mirrors using general law

Positions:

- **Post graduate Manger at Geology Department (Sebha – Uni)**