

## Curriculum Vitae

Nasar Mohamed El Zawam

Alzawam4@yahoo.com

**Nationality:** Libyan

**Date of birth:** 1-9-1966




---

**Address:** Libya – Sebha – SebhaUniversity - Faculty of Science- Department of Geology

**Marital Status:** Married

**Scientific degree :** Assistance 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".
- 1990 BSc. SebhaUniversity"Libya"Faculty of ScienceMajor in Physics.
- 1985 high School in Sebha "Libya".
- 1982 Secondary School in Sebha Libya
- 1979 primarySchool 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.
- I 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

1994/ 1995 English Course in Canada

PolishPoland " 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 <sup>st</sup> .
2	Geometrical Optics	Sebha Uni	2 <sup>nd</sup>
3	Introduction to Geophysical prospecting	Sebha Uni.	3 <sup>th</sup> .
4	Physics of the Earth	Sebha Uni.	4 <sup>th</sup> .
5	Geology II	Sebha Uni.	2 <sup>nd</sup>
6	General Geology		1 <sup>st</sup> .

#### 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 <sup>nd</sup>

#### Third at Alzetona & Beniwaled Univesities.

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

### Scientific interests

1-التنقيب الجيوفيزيائي عن الهيدروكربونات.

- 1- Geophysical prospecting for Hydrocarbons using Active field methods.
- 2- Gravity Using Satellite data

### List of publications

#### First Papers

- ① IMAGING OF NEAR SURFACE VELOCITY HETEROGENEITIES OF THE MEDIUM  
IN WAVE PATTERN OF ACOUSTIC MODELING
- ② RECOVERING NEAR SURFACE VELOCITY BY TURNING RAY TOMOGRAPHY –  
MODEL STUDY
- ③ Wavelet processing of seismic data
- ④ Detection of Rifted Continental Margin from Satellite Gravity Data
- ⑤ Low Velocity Determination based on Seismic Tomography

#### Second Books

- ☒ Geometrical Optics ( Published in Jordan, first edition 2018)

#### Development

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