



## PERSONAL INFORMATION



## Insaf Mabrouk

 Ibn Khaldoun, 2062, Tunis, Tunisia

 +216 22 609 850

 insafmabrouk@gmail.com

Date of birth 06/08/1988 | Nationality Tunisian

Civil status Married and mother of 2 children

## Geosciences - Geophysicist Engineer

## EDUCATION AND DIPLOMA

2019	<b>QHSE Diploma</b> Quality control, Hygiene, Security and Environment diploma from "Electro Works" Gafsa.
2015-2018	<b>PhD Studies</b> Faculty of Sciences of Tunis.
2013 - 2015	<b>Professional Master Degree</b> Faculty of Sciences of Tunis Diploma of applied geophysics.
2009 – 2012	<b>Engineering Degree</b> Faculty of Sciences of Tunis FST have a leading engineering major in Tunisia that offers a three-years engineering diploma through a high-quality educational program with a general technical background.
2007 – 2009	<b>Preparatory for Engineering study Degree</b> ISSAT Gabes Intensive undergraduate studies to prepare entrance exams to Graduate Schools of Engineering - option: Biology- Geology.
2003-2007	<b>Secondary Bachelor of Education Program</b>  Secondary School of Sened, (Gafsa) Baccalaureate (equivalent to High School Diploma), passed with distinction Main subjects: Mathematics, Physics, Sciences, English and French.

## FIELDTRIPS

Mai 2015	Training (12 days), South East Tunisia
	* Seismic survey (Refraction...)
	* Gravimetric survey
	* Electric survey (Tomography, SEV)
	Training (15 days), Jbal Kbar (Sidi Bouzid) Tunisia
October 2011	* Cartography
	Training (12 days), South Tunisia
October 2010	* Stratigraphy

#### Fieldtrip studies:

Tectonic, Sedimentology, Mineralogy, Geophysics, Environment...

## TRAININGS HISTORY

### Winstar Tunisia BV

#### January 2015- July 2015

##### Graduation Project:

Final Year Project entitled " 3D Seismic Interpretation, Post Hercynian

Tectonic History, Sanrhar concession".



### Imperial Barrel Award at AAPG Young professional Tunisia

#### February 2015-March 2015

Integrated Basin Analysis and prospect evaluation:

Offshore New Zealand Taranaki Basin case.



### URGAMM

(Unité de Recherche de Géophysique Appliquée aux Minerais et aux Matériaux)

#### 2013-Today

Researcher



- Seismic sequence Stratigraphy
- Understanding of the Lithological interpretation notions
- Electric, magnetic and gravimetric methods
- Presentations
- Communication

**ETAP, Tunisia****September 2014****SMT Kingdom training, case of study: El Hamma Permit block**

- SMT Kingdom training (acquiring all the basics notions)
- Procedures for loading of the geo-petroleum data in the SMT Kingdom
- Seismic Interpretation

**Winstar Tunisia BV****July 2014****SMT Kingdom training** Seismic Attributes.**CGGVeritas, Tunisia****February 2012- June 2012****Graduation Project:**

“A 2D seismic line deconvolution and its implication in multiples attenuation” with OMV’s data.

Seismic processing sequence of a 2D seismic line from Geometry until stacking. Special focusing on Deconvolution with other methods like Surface Related Multiple Elimination, Radon Transform are also applied in order to attenuate multiples.

**EGEVE Gafsa, Tunisia****July 2011****Technician training:**

Field survey training and cartography using the GPS.

**EGEVE Gafsa, Tunisia****July 2010****Technician training:**

Geomaterial exploitation.

## IT SKILLS

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**Microsoft Office :** Word, Excel, ppt...(Diploma)

**Seismic interpretation:** Kingdom 8.8(SMT), Petrel 2013

**Seismic data processing:** Matlab, seisview

**Gravimetric software:** Trans, potent, Geosoft...

**Electric survey software:** IP2win , Res2dinv...

**Seismic refraction:** SeisImager (Pickwin, ploterefa...)

**Digital Mapping:** ArcGis, surfer, envi

**Operating Systems:** windows, Unix, Linux,

**Programming:** Pascal, maple, C,visual basic, Matlab

**Image processing:** Photoshop, illustrator, corel draw

## SPECIALIZED FIELD DAYS

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- Seismic Acquisition, operator PA resources, contractor CGGVeritas.
- Sequence Stratigraphy, tectonics
- Mineralogy
- Environment Geology
- Hydrology
- Sedimentology

## QUALITIES

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- Ability to organize, manage time and prioritize.
  - Pro-active, self-starter and Willingness to learn from others.
  - Well-developed interpersonal skills with a flexible, diplomatic and open-minded approach.
  - Strong communication skills - ability to listen and communicate clearly and concisely within a multi-cultural and multi-discipline environment essential.
  - Have the confidence, influence, patience and cultural sensitivity to make the most of the opportunity that presents itself.
  - Ability to work effectively in a multi-specialized, multi-functional, and multi-cultural technical peer group.
  - Excellent teamwork skills are critical for the successful operation of this team.
  - Enjoy being part of an integrated, multi-disciplinary team highly desired, must be a team player who can work at all levels to accomplish goals.
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- Commitment to achieving geophysical excellence and promoting functional professionalism.
- Demonstrated ability to clearly convey concepts and objectives verbally; in presentations and in technical reports.

## ABILITIES

- Good understanding of the integration of geosciences data.
- Data management.
- Interpret geophysical data, such as seismic, gravity, magnetic, well logs.
- Utilize seismic software applications, such as modeling, attributes, synthetic seismograms, wavelet analysis and mapping to examine data and test geophysical and geological ideas.
- Correlate and evaluate interpretive information.
- Prepare maps and reports of results.
- Advanced workstation-based seismic interpretation and mapping (SMT Kingdom 8.8 Petrel2013)
- Willingness and ability to plan, implement and manage multiple projects in parallel.
- Integrate seismic, geological/well data, and production data to characterize reservoirs and reduce uncertainties.

## INTERESTS

Sports	-Hand ball, Jogging, Cycling...
Associations	-American Association of Petroleum Geologists (AAPG) member
	- Society of Exploration geophysicists (SEG) Student Chapter member
	- Club of life.
	-Red Crescent Tunisia

## LANGUAGES

Arabic	Native language
French	Fluent
English	Fluent (Advanced-Second level-Bourguiba School Tunis).
Spanish	Elementary