



## Abdallah SALHI

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Born: 10/04/1975 | Nationality: Algerian | Driver's License: B

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### ● PROFESSIONAL SUMMARY

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State Engineer in Geology/Hydrogeology, Master's and Magister's degree in Geology with specialization in “Sedimentary Basin Geodynamics and Natural Risks”. Currently “PhD candidate in Geology and Geodynamic Modeling of Sedimentary Basins”, with research focused on the “Bajocian of the Saharan Atlas” and its correlation with carbonate reservoirs. Over 20 years of experience in the mining sector, water resources, and subsurface exploration. Certified International Expert (World Order of Experts, Geneva) and approved member of the UNDP GPN ExpRes roster (Energy, Mining and Climate Change). Recognized expertise in “basin analysis, structural geology, subsurface modeling, and exploration project management”. Proven ability to work at the interface between research institutions, government agencies, and industry operators. Currently serving as Mining Operations Director for the GICA group, managing large-scale extraction and geological projects.

### ● PROFESSIONAL EXPERIENCE

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September 2024 – Present / Bechar, Algeria (Full-time)

**MINING OPERATIONS DIRECTOR SSC GICA Cement Group – Béchar, Algeria**

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- Strategic and operational management of mining activities (quarries) for the leading Algerian industrial.
- Optimization of extraction and processing of raw materials.
- Management of technical, safety, and environmental compliance of mining sites (limestone, schist, sand, gypsum, and iron ore).
- Application of basin analysis concepts to understand sedimentary formations and optimize resource extraction.

2012 – August 2024 / Oran & Béchar, Algeria (Full-time)

**MINES INSPECTOR ENGINEER (ORAN) / REGIONAL HEAD OF BRANCH (BECHAR)**

**National Agency for Mining Activities (ANAM, Ex-ANGCM)**

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- Administrative and technical supervision of quarries and mines in Northern and Southern Algeria.
- Responsibility for prospecting, exploration, exploitation, and rehabilitation of mining sites.
- Exercise of mines inspectorate powers to ensure regulatory compliance.
- Member of the ANAM central commission.
- Monitoring of Environmental Management Plans (EMP) for sustainable mining operations.
- Monitoring of Environmental Impact Assessments (EIA) to evaluate the consequences of mining activities on the environment.
- Expertise in mining legislation to ensure compliance with laws and regulations.

2013 – 2019 / Oran, Algeria (Part-time)

**ADJUNCT UNIVERSITY LECTURER**

**USTO - University of Science and Technology of Oran, Mining and Metallurgy Department**

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- Teaching of specialized modules: Open-pit and underground mining, Mining site rehabilitation, Mining environment, Mining hydrogeology, Environmental impacts of pipelines.
- Instruction in structural geology, sedimentology, and subsurface characterization techniques.
- Supervision of geological field trips for students, including lithological identification, structural measurements, and mapping exercises in key sedimentary basins of Western Algeria.
- Organization of technical visits to active quarries and mines (e.g., GICA cement plants, TSO railway projects) to bridge academic knowledge with real-world industrial practices.
- Mentoring students during their end-of-study internships and fieldwork projects, guiding them in geological data collection, analysis, and reporting.

2012 – Present / Algeria (Part-time)

**UNIVERSITY CO-SUPERVISOR Universities of Tlemcen, Béchar, and Oran**

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- Co-supervision of university research projects.
- Academic mentoring and planning assistance for graduate students.
- Supervision of master's theses related to sedimentary basins and reservoir characterization.

2007 – 2012 / Béchar, Algeria (Full-time)

**QUARRY MANAGER TSO French Company**

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- Management of a subsidiary on major railway projects (Algiers Metro, Mécheria–Béchar line).
- Direction of exploration and exploitation operations for ballast and aggregate quarries.
- Responsible for technical client relations, studies, and work compliance (CPS).
- Design of blasting plans and supervision of mining operations.
- Geological assessment of construction material deposits and quality control.

2006 – 2007 / Bechar, Algeria (Full-time)

**PRODUCTION AND MINING OPERATIONS MANAGER / TSO French Company**

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- Management of major railway projects: Mécheria-Béchar railway line (360 km), Algiers Metro, TBA plants (railway sleepers).
- Supervision of exploration and exploitation of quarries for railway aggregates and ballast; preparation of quality files (laboratory tests).
- Contribution to several project approval files.
- Design of blasting plans and supervision of their execution for mining operations.

2006 / Oran, Algeria (Full-time)

**PROJECT COORDINATOR ENGINEER EGEAT Laboratory - University of Oran**

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- Participation in the impact study for a railway line (siltation/sand encroachment issues).
- Field missions: parameter surveys, mapping, GIS, GPS, remote sensing.
- Application of remote sensing and GIS for geological and geomorphological analysis.

2003 – 2005 / Béchar, Algeria (Full-time)

**STATE ENGINEER ANRH - National Agency for Water Resources, Western Regional Directorate**

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- Responsible for geophysical monitoring and geoelectrical prospecting (Béchar Carboniferous Basin).
- Hydrogeochemical and isotopic studies of groundwater.
- Piezometry management, borehole monitoring, water point inventory, and mapping.
- Subsurface geophysical data acquisition and interpretation.

2003 / Djelfa, Algeria (Full-time)

**JUNIOR STATE ENGINEER / HCDS - High Commission for Steppe Development.**

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- In charge of hydrogeology.

• **ÉDUCATION AND TRAINING**

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2003 / University of Tlemcen, Algeria

**STATE ENGINEER DIPLOMA IN APPLIED GEOLOGY – HYDROGEOLOGY**

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2008 / University Oran 2, Algeria

**MAGISTER'S DEGREE IN GEOLOGY – SEDIMENTARY BASIN GEODYNAMICS AND NATURAL RISKS**

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2017 / University Abou Bekr Belkaïd, Tlemcen, Algeria

**MASTER'S DEGREE IN GEOLOGY – HYDROGEOLOGY**

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2024 / Stambouli University of Mascara, Algeria

**PHD CANDIDATE IN GEOLOGY – SEDIMENTARY BASIN GEODYNAMIC MODELING**

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● **AFFILIATIONS & ROSTER**

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- Member of the World Order of International Experts (Switzerland - Geneva) – 2021

Specialization: Mines, Applied Geology, Natural Risks

- Approved Expert – UNDP GPN ExpRes Roster – 2024

Sub-profile: Energy, Mining and Climate Change

● **LANGUAGE**

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Language	Understanding	Speaking	Writing
Arabic (Native)	-	-	-
French (DELF/DALF)	C2	C2	C2
English (IELTS)	B2	B2	B2

● **DIGITAL SKILLS**

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● Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Microsoft Office | My-SQL | Python  
COVADIS| SIG INFOGRAPHIE -AUTOCAD| BIG DATA

● **CERTIFICATIONS & QUALIFICATIONS**

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- ISO 9001, ISO 27001, AZ 900 Certifications (2023)
- Member of IAH (International Association of Hydrogeologists) and IAHR
- Mapping Levels 1 and 2
- Python Programming
- Remote Sensing Certification
- Geo-App, Data Entry
- ESRI and Climate Action
- Climate Change Certification
- Sequential Exploder, Blast Plan Analysis and Design
- Blasting Supervisor Permit
- Executive Diploma in General Business Management

● **INTERESTS**

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Martial Arts / Travel / Reading