

CONTACT

Tel: +1 (505)-361-0231
Mail: jeanlucienfonquergne@gmail.com
Website: linkedin.com/in/jean-lucien-fonquergne-211b63ab/
NM Driving license

SKILLS

Languages

French: native
English: Full Professional Proficiency
Spanish: Full Professional Proficiency

Competencies

- Project Management
- Technical project writing
- Problem-solving
- Reporting / Communication
- Team management
- Database management

IT skills

Geologic modeling software

- QGIS / ArcGIS
- Petrel

Mining modeling software

- Blasting software
- Fleet Management Systems
- Surpac / Coralis / Bruno
- Solidwork

Information Technology

- Pack office
- Excel (Coding in Visual Basic)
- Illustrator
- Data treatment
- Matlab / Maple

Certificates

French blaster certificate
Electrical habilitation
First aid

JEAN-LUCIEN FONQUERGNE

Mining engineer

Passionate about geosciences and always eager to take on new challenges, with a full professional proficiency in French, English and Spanish, I am keen on teamworking in international contexts.

EXPERIENCE

2022 - Present | Technical Outreach Specialist – PRRC, New Mexico Tech, Socorro, New-Mexico, USA

➤ Outreach on Carbon Capture Utilization & Sequestration

- Support to CCUS team for The Intermountain West Energy Sustainability & Transitions (I-WEST) initiative, developing a technology roadmap to transition the region to an economically sustainable, carbon neutral energy system.

➤ Provide technical support to research projects

- Technical writing, presentation and editing support
- Development and use of various database

➤ Develop and support scientific outreach

- Website management
- LinkedIn pages management

2020 - 2021 | Quarry Manager – Gontero Group, Avignon, France

➤ Restarting of a limestone quarry:

- Budget and staff management
- Productivity and stock management
- Maintenance management
- Development of communication: Business & Public
- Comply with government health and safety legislation
- Manage KPI's (key performance indicators)

Main achievements:

- Rehabilitation of a screening plant to product powdered limestone with high value
- Supply of 80k tons construction site in a month
- Pit rehabilitation according to environmental standard
- Communication: Acquisition of new customers
- Double sales between 2019 and 2020

2018 - 2020 | International project engineer – MAXAM, Madrid, Spain

➤ **Manage technical and engineering project:**

- Drill & Blast (D&B) projects: software simulation, technical document writing, field implementation, presentation of results to management
- Evaluation and reporting of KPIs with database management
- Risk assessment and management
- Electronic initiation system: operator training, homologation tests

Main international projects:

- Creation of cost and performance simulation software to evaluate breakeven (coding in VBA)
- Technical support to R&D department for the development of new products and benchmarking
- Value proposition for Maxam watergel products in China / Case study publication
- Underwater D&B project in Canada
- Phosphate open pit mine D&B project in Israel
- Diamond open pit mine D&B project in Angola

April – July 2018 | Quality engineer in earth leveling – CAZAL, Bordeaux, France

➤ **Quality compliance**

- Control of gas and water pipe networks
- Staff and fleet management
- Daily safety checks

April 2017 – Oct. 2017 | Mining engineer – ERAMET COMILOG, Moanda, Gabon

➤ **Optimize Fleet Management System (FMS) software to improve mining site productivity.**

- Mining site management
- Study of Haulage and Loading KPIs
- Mastering of the FMS software in term of algorithm and field application

Main projects:

- Test of dynamic dispatch algorithm to Minimize Truck Waiting Time (MTWT);
- Evaluation of MTWT algorithm performance.
- System update and work on data integrity
- Algorithm optimization study and advice with a new algorithm

Jul. 2015 – Aug. 2015 | Apprenticeship engineer –
AREVA company, Bessine-sur-Gartempe, France

- **Assistant in the census program of radioactive tailings that have been reused**
- Planning of field trip in France in order to measure radioactivity anomalies with SPPy tool
 - Data treatment on Excel and ArcGIS
 - Analysis and report
-

EDUCATION

Sept. 2014 – April 2018 | Ecole des Mines d'Alès –Engineering school - France
Mineral resources and exploitation management

Engineer training (advanced physics, chemistry, IT, mathematics) with specialization on mining. Study of:

- Mining production
- Treatment and valorization of ore
- GIS and geologic data management
- Regulations on safety and environment; Environmental impact studies with field application
- Economics and energy management of a mining site.

Oct. 2015 – May 2016 | Geosciences Montpellier / Double diploma – Montpellier university, France

Geology of exploitation and reservoir

- Studied the fundamental concept of geology of exploration and reservoir
- Field geology and numeric modelling (Seismic interpretation on petrel)
- Learned ore, oil and gas formation concept