

MOHAMED A. M. ABDALLA

PROCESSING MANAGER 📍 AL MADINAH PROVINCE, SAUDI ARABIA ☎ 574270151

◦ DETAILS ◦

Al Madinah Province
Saudi Arabia
574270151
mohamed997009@gmail.com

◦ LINKS ◦

[Open Researcher and Contributor ID. \(ORCID\)](#)

◦ SKILLS ◦

Process Optimization
Quality Control
Team Leadership
Data Analysis & Reporting
Environmental Compliance

👤 PROFILE

Experienced Processing Manager specializing in Gold Ore Processing. Proficient in process optimization, quality control, and efficiency improvements. Skilled in managing teams, ensuring compliance with environmental regulations, and implementing sustainable practices. Strong analytical, troubleshooting, and leadership abilities to drive continuous improvement and enhance production performance in plant systems.

📁 EMPLOYMENT HISTORY

Mining Engineer at Raed Mohammed Shamahani Mining Company, Jazan

Aug 2025 — Present

Responsibilities include mine planning, resource evaluation, environmental management, and applying advanced technologies for mineral processing and operations.

Production, Processing and Maintenance Manager at Sutapro Limited Company, Kahama

Feb 2024 — Feb 2025

Conducted gold and cyanide titrations; designed vat leaching pilot plants and large-scale concrete tanks using [STAAD.Pro](#) software.

Training of Trainees (ToT) at Soft Star Training Center, Khartoum, Sudan.

Sep 2022 — Jan 2024

Online Training in Gold Ore Processing Techniques

Assistant Professor at Khartoum University, Khartoum

Oct 2019 — Jul 2022

Oversee undergraduate students and give lectures on mineral processing and mining engineering.

Head of Mining Engineering Department at Khartoum University, Khartoum

Jan 2020 — Aug 2021

I managed the Mining Engineering Department, which included supervising staff and students, overseeing teaching activities and labs, building partnerships with industry, and handling the department's other services.

Researcher at Wuhan University of Technology, Wuhan

Sep 2014 — Oct 2018

I've worked in metallurgy, doing both experiments and using computer models to find the best water-repellent substance for scheelite ore flotation. I also trained at the Copper Mines of Jian Xi, China, focusing on copper ore flotation and chemical analysis.

Lecturer at Khartoum University, Khartoum

Apr 2010 — Sep 2014

Taught classes in Mining and Mineral Processing.

Teaching Assistant at Khartoum University, Khartoum

Jun 2006 — Sep 2010

I led undergraduate tutorials covering mineral processing, thermodynamics, material handling, computer use in mines, plus soil and rock mechanics.

★ COURSES

- Employee Occupational Safety and Health
- Wellbore Technical Service and Wire Line Logging, Well Testing, and Mud Logging Interpretation Techniques
- Educational Preparation

★ MEMBERSHIPS

- Member in Saudi Arabia Council of Engineers, Riyadh
Aug 2025 — Present
- Member in American Chemical Society (ACS), Washington, D.C
Nov 2018 — Present

🎓 EDUCATION

- **PhD in Mineral Processing Engineering, Wuhan University of Technology, Wuhan**
Sep 2014 — Oct 2018
I graduated with High Honors. From 2017 to 2025, Scopus data shows my research in mineral processing engineering is doing well, with more than 100 citations and top indexing scores in four areas.
- **M.Sc., Khartoum University, Khartoum**
Sep 2008 — Apr 2010
My research in Mining Engineering, specifically on Mineral Processing (Beneficiation), at the Department of Mining Engineering, focused on dressing weakly magnetic iron ores using a dry magnetic separation process. My thesis title reflects this focus.
- **B.Sc in Mining Engineering, Khartoum University, Khartoum**
Sep 1999 — Sep 2004
I graduated with first-class honors, and my graduation project focused on determining loss and dilution factors using the Sub Level Caving Method.