



HELD UNDER THE PATRONAGE OF HIS EXCELLENCY ABDEL FATTAH EL SISI, PRESIDENT OF THE ARAB REPUBLIC OF EGYPT



EGYPT
MINING
FORUM

HOSTED BY



28 - 29 SEPTEMBER 2026 | THE ST. REGIS NEW CAPITAL, CAIRO



CONFERENCE BROCHURE

UNLOCKING EGYPT AND THE ARABIAN NUBIAN SHIELD'S EXPLORATION POTENTIAL

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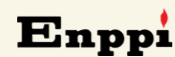
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EGYPT MINING FORUM

Held under the Patronage of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt, and hosted by the Ministry of Petroleum and Mineral Resources, with the support of the Mineral Resources and Mining Industries Authority, the fifth edition of the Egypt Mining Forum will highlight Egypt's mineral wealth, untapped geology, and the exploration opportunities in the Eastern Desert.

As an emerging mining jurisdiction, Egypt continues to attract international attention, driven by ongoing regulatory modernisation, improved licensing structures, competitive fiscal terms, and a long-term national vision to increase the mining sector's contribution to 6% of GDP.

Under the 2026 theme 'Unlocking Egypt and the Arabian Nubian Shield's Exploration Potential', the Forum will gather ministers from countries across the Arabian Nubian Shield region alongside global mining ministers, senior government officials, C-level executives, investors, financial institutions, and geological authorities.

Over two days, the Forum will serve as a strategic platform to examine the investment landscape across Egypt's and the wider Arabian Nubian Shield's mining sector, showcase high-value exploration prospects, and strengthen collaboration across the region.

EGYPT MINING FORUM IN NUMBERS

6,000+

Global
Attendees

100+

Exhibiting
Companies

50+

Participating
Countries

500+

Forum
Delegates

100+




Forum
Speakers

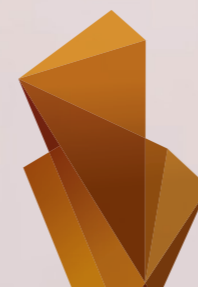
30+

Forum
Sessions



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**EGYPT
MINING**

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CONFERENCE OVERVIEW

Through two dedicated conference streams, the Strategic Conference and the Technical Conference, the Egypt Mining Forum will assess how Egypt and the wider Arabian–Nubian Shield can position themselves as leading destinations for mineral exploration.

The Strategic Conference will bring together ministers, policymakers, global mining CEOs, investors, and financial institutions to discuss policy and regulatory priorities, investment frameworks, and the strategic direction shaping the region’s mining future.

Running in parallel, the Technical Conference will feature geologists, geophysicists, exploration managers, technologists, and operational specialists who will showcase project case studies, methodologies, and expert insights on the latest trends and best practices redefining mineral exploration.

BENEFITS OF ATTENDING

Expert-Led Discussions

Gain first-hand insights from government representatives, CEOs, and industry pioneers on policies, investment opportunities, and market developments.

Technical Innovation & Best Practices

Learn from global case studies and industry specialists about new technologies, sustainability strategies, and operational efficiencies.

Strategic Decision-Making

Access exclusive research, policy updates, and regulatory frameworks to help shape business strategies.

Investor & Stakeholder Engagement

Discover potential partnerships, investment opportunities, and funding channels to drive growth.

Future-Proof Your Business

Understand key trends, risks, and challenges affecting the mining industry to stay ahead of the curve.

STRATEGIC CONFERENCE

Egypt's mining story is one of the world's oldest, dating back to predynastic times, with active mining beginning around 3000 BC. Today, that history is entering a new chapter as Egypt works to unlock its mineral wealth and increase mining's contribution to 5% of national GDP.

Positioned within the Arabian-Nubian Shield, a mineral-rich belt across northeast Africa and the Arabian Peninsula, Egypt holds gold, copper, phosphate, iron ore, kaolin, silica sand, sulphur and critical minerals. With large areas still underexplored, the country's rich geology presents significant potential for new mineral discoveries, supported by growing efforts to expand geological data and de-risk exploration.

Egypt's infrastructure and energy base provide a strong foundation for mining operations, supporting an efficient and accessible operating environment. Direct access to the Mediterranean and Red Sea, the Suez Canal, extensive road networks, major economic zones, and reliable, clean and affordable energy reinforce the country's position as a competitive jurisdiction for mining and downstream industries.

Alongside these advantages, reforms to licensing, fiscal terms, fees, multi-commodity permits, one-stop-shop services and institutional capacity are establishing a more modern mining framework, giving investors clearer structures

Building on this progress, the Strategic Conference brings together policymakers, investors, mining companies, exploration experts and industry leaders to examine the new business and project opportunities emerging across Egypt's mining sector and the wider Arabian-Nubian Shield, with participants gaining insights into:

- Egypt's new mining reforms and investment framework
- Arabian-Nubian Shield geology and mineral potential
- Critical minerals, base metals and Egypt's role in global value chains
- Downstream mineral processing and industrial development
- New exploration opportunities for junior mining companies
- Moving from mineral discovery to mine development



Egypt Mining Forum continues to be the premier platform for uniting the industry.

We applaud the Egyptian government's investor-friendly initiatives—from advancing commercial pragmatism in partnerships to driving licensing and fiscal-transparency reforms—and recognise that the development of world-class infrastructure, such as that in New Cairo, will be pivotal in attracting the next wave of global investment. At AngloGold Ashanti, we are proud to play our part. Egypt has long shaped the history of gold, and today it has an unparalleled opportunity to define its future.

Gillian Doran
Chief Financial Officer &
Executive Director



STRATEGIC OUTCOMES:

- Understand Egypt's new mining investment framework and how reforms to licensing, fiscal terms, fees and investor services are creating a more investor-friendly sector.
- Identify new exploration opportunities across Egypt and the wider Arabian-Nubian Shield, including areas of interest for junior mining companies.
- Evaluate Egypt's role in global mineral value chains, across precious metals, critical minerals and base metals.
- Build partnerships with policymakers, investors, mining companies and technical experts to support investment, exploration and project development.

2026 STRATEGIC SPEAKERS AND THOUGHT LEADERS



HE Eng Karim Badawi
Minister of Petroleum
and Mineral Resources
Arab Republic of Egypt



HE Bandar Alkhorayef
Minister of Industry and
Mineral Resources
Kingdom of Saudi Arabia



HE Dr. Saleh Al-Kharabsheh
Minister of Energy
and Mineral Resources
Hashemite Kingdom of
Jordan



**Hon. Emmanuel
Armah-Kofi Bua**
Minister for Lands &
Natural Resources
Republic of Ghana



HE Yonis Ali Guedi
Minister of Energy and
Natural Resources
Republic of Djibouti



Naguib Sawiris
Chairman
In2Metals



Ahmed Elsewedy
President and
Chief Executive Officer
Elsewedy Electric



Hoda Mansour
President Egypt
AngloGold Ashanti



Eng Mohamed Zada
Deputy Minister,
Strategic Industries,
Ministry of Industry
Arab Republic of Egypt



Dr. Zahi Hawass
Egyptologist and Former
Minister of Tourism &
Antiquities
Arab Republic of Egypt



Leticia Reis de Carvalho
Secretary-General
International Seabed
Authority



HE Moses Engadu
Secretary-General
Africa Minerals Strategy
Group (AMSG)



Rohitash Dhawan
President &
Chief Executive Officer
International Council on
Mining and Metals (ICMM)



Mohamed Awad
Chairman
General Authority for
Investment and Free Zones



Yasser Ramadan
Chairman
Mineral Resources &
Mining Industries Authority



Mohamed Tahir Omar
Director General
Sudanese Mineral
Resources Company



Ibrahim El Gazzar
Head of Metals and
Minerals, Middle East
Trafigura



Andrés Blanco
Chief Executive Officer
Xcalibur Smart Mapping



Natalia Lacorzana
Global Director, Natural
Resources
European Bank for
Reconstruction and
Development (EBRD)



Helen Brume
Director and Global
Head of Project &
Asset-Based Finance
African Export-Import
Bank



Stephan Pueschel
Co-Head Metals &
Mining
KfW IPEX-Bank



Mohamed Abady
Chairman
Golden Triangle
Economic Authority



Suliman Saleh Al-Othaim
Chairman
Saudi Gold Refinery



Glenn Kerkhoff
Global Industry Principal
for Mining, Metals
& Minerals
AVEVA



Tom de Boinville
Head of Mining &
Metals Origination
StoneX



Sherif Andrawes
Head of Global Natural
Resources
BDO



Mario Guedes
Vice President, Mining
ARGAS



Patrick Barnes
Vice President,
Head of Metals &
Mining Consulting
Wood Mackenzie



Rajneesh Mishra
Vice President
of Minerals, Middle East
Metso



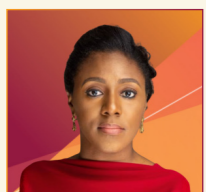
Killian Charles
President and
Chief Executive Officer
Brunswick Exploration



Andrew Hunter
Chief Executive Officer
Hunter&Co



Doug Horak
Chief Executive Officer
Australia-Africa Minerals
& Energy Group



Nere Emiko
Executive Vice Chairman
Kian Smith Company



Ahmad Abu Ahmad
Chief Operating Officer
SAM Precious Metals



Wael Jaber
Vice President, Mining
and Metals, Consulting
Wood Mackenzie

CONFERENCE AGENDA

Monday 28 September 2026

🕒 10:00 - 12:00

OFFICIAL PRESIDENTIAL OPENING CEREMONY AND INAUGURATION Unlocking Egypt and the Arabian Nubian Shield's Exploration Potential

🕒 10:00 - 12:00

KEYNOTE SPEECH

Egypt's Next Chapter in Mineral Exploration and Investment

Egypt began its mining modernisation programme in 2018 to make the sector more attractive to exploration and mining companies. This next chapter is being shaped by the Model Mining Exploitation Agreement framework, approved by parliament in 2025, which introduced fiscal terms designed to balance government revenue with investor returns. With a modern mining code in place, Egypt is now reinforcing its exploration push through targeted investment incentives, including reduced rental fees for exploration licences, VAT and customs exemptions on equipment and services, flexible multi-ore licensing, new reconnaissance licences to support junior explorers, and a one-stop permitting mechanism to accelerate project timelines.

Attendee Insights:

The keynote speech will set the strategic direction for the Forum by outlining the government's vision for mineral exploration and investment, highlighting the policy and fiscal reforms underway, and showcasing the key initiatives now in place as part of this next chapter.

🕒 14:00 - 14:40

MINISTERIAL PANEL DISCUSSION

Advancing Cross Border Collaboration to Unlock the Arabian Nubian Shield's Mineral Wealth

The Arabian Nubian Shield is one of the world's oldest and geologically rich regions, stretching across Egypt, Sudan, Ethiopia, Eritrea, Saudi Arabia, Yemen, and Jordan. It is widely recognised as the world's next big exploration target, hosting vast potential for gold and other mineral systems, yet remaining significantly underexplored by modern standards. As mineral belts and structures extend across national borders, unlocking the full value of the Shield depends on stronger cross-border collaboration through shared geological data, aligned regulations, improved infrastructure connectivity, and coordinated exploration strategies that allow discoveries in one jurisdiction to inform and accelerate exploration across the region.

Attendee Insights:

Ministers from the Arabian Nubian Shield will explore how regional cooperation, aligned policies, and shared exploration strategies are unlocking the full mineral potential of the Shield and strengthening its global investment appeal.

🕒 14:40 - 15:20

MINISTERIAL PANEL DISCUSSION

Building Competitive Mining Jurisdictions Through Policy, Fiscal Stability and Investment

As global competition for mining investment intensifies, governments are increasingly focused on creating jurisdictions that are not only geologically attractive, but commercially competitive, transparent and investment friendly. Both major and junior mining companies assess jurisdictions through a clear investment lens, looking at geological potential, infrastructure, political and security stability, regulatory clarity, fiscal terms and the practical conditions needed to operate over the long term. Mining is considered a long-cycle industry, with projects often taking 7 to 15 years to move from early exploration to first production, and larger mines operating for decades beyond that. Investors therefore need confidence that policy, regulation and fiscal frameworks will remain stable enough to support long-term capital commitments.

Attendee Insights:

Ministers will discuss how governments are strengthening mining competitiveness through policy reform, fiscal stability, regulatory clarity, infrastructure planning and public private partnerships, while balancing national economic priorities with the needs of mineral-producing nations.



🕒 15:20 - 16:00

PANEL DISCUSSION

Shaping the Future of Egypt's Mining and Exploration Sector

With Sukari as a high-profile proof point for large-scale mining in the Eastern Desert, Egypt is now focused on building a broader pipeline of commercial discoveries. This includes improving access to high-quality data, accelerating field activity, strengthening technical standards, and creating a more transparent path from discovery to mine development, while also laying the groundwork for downstream value addition. Over the next few years, success will be measured through tangible outcomes, including a growing number of junior mining companies undertaking exploration, more service providers establishing operations in Egypt, an increase in projects progressing to credible resource statements, and faster, more predictable licensing and permitting timelines.

Attendee Insights:

This panel brings global CEOs to assess how far Egypt's mining sector has progressed and what must happen next to build a sustainable pipeline of commercial discoveries and development-ready projects.

Strengthening the Middle East and North Africa’s Role as a Critical Minerals Corridor

The Middle East and North Africa are increasingly well positioned to play a greater role in global critical minerals supply chains. While much of Africa’s mineral production is concentrated in sub-Saharan countries, the MENA region holds a strategic advantage through its geography, infrastructure and proximity to major demand centres. Sitting between African mineral supply, Asian processing and manufacturing hubs, and European industrial markets, the region has the potential to become more than a transit route for raw materials. As global demand for secure, diversified and reliable critical mineral supply chains increases, how can MENA countries leverage their geological potential, strategic geography, infrastructure and industrial capacity to position the region as a corridor for critical minerals exploration, movement, processing and value addition?

Attendee Insights:

An executive discussion assessing how the Middle East and North Africa can turn its geography, infrastructure and industrial capacity into a resilient critical minerals corridor, while navigating geopolitical risk and strengthening the reliability of regional supply chains.



Evaluating the Opportunities for Seabed Mining in the Red Sea and Wider Region

The Red Sea seabed is believed to host commercially viable concentrations of valuable metals, including copper, zinc, gold, and silver, although the extent, grade, and economic recoverability of these resources are still being assessed and will require further scientific study and carefully managed exploration. While research has highlighted clear potential, commercial activity remains limited, leaving the Red Sea at an early exploratory stage compared with established onshore mining activities in the wider region. As a result, offshore mineral development is set to bring a distinct set of challenges, including complex permitting frameworks, limited baseline environmental data, and the need for advanced surveying, monitoring, and marine technologies.

Attendee Insights:

A spotlight discussion that sets the context for understanding what is currently known about seabed mineral potential in the Red Sea, how regional and international governance is evolving, and what considerations must be weighed before moving from exploration toward any form of commercial development.

CONFERENCE AGENDA

Tuesday 29 September 2026

Building Bankable Mining Projects: Transitioning from Exploration to Development and Production

The transition from exploration to development and production is one of the most critical stages in the mining lifecycle. Building a bankable mining project requires clear progression from early-stage geological understanding to resource definition, feasibility studies, mine planning, environmental and social assessments, permitting, financing and construction readiness. At each stage, the project must be de-risked. Investors and lenders need confidence in the size and quality of the resource, the proposed mining and processing methods, capital and operating costs, infrastructure access, regulatory certainty, environmental management, community engagement and route to market.

Attendee Insights:

The discussion will explore what it takes to move from mineral discovery to an operating mine, looking at the technical, financial, regulatory and operational conditions needed to reduce development risk, attract capital and create a stronger pipeline of future producers.

Empowering Junior Mining Companies to Drive Early-Stage Discovery Growth

Junior mining companies are widely recognised as the backbone of the global mining industry. They take on the highest geological risk, exploring underexplored terrains and generating the first drill results that can confirm new mineral systems, often with the understanding that many projects will not succeed. When discoveries are made, however, the rewards can be significant. Successful exploration can unlock substantial asset value, attract major mining companies or institutional investors through partnerships or acquisitions, and ultimately deliver strong returns. At the same time, juniors operate in a demanding environment. Early-stage exploration carries inherent risk, capital markets are often volatile, and investors are increasingly focused on technical credibility, and disciplined capital deployment.

Attendee Insights:

The panel will examine what juniors need to succeed in today’s market, include access to capital, clear and efficient licensing and permitting, affordable field logistics and drilling, and high-quality geological data.

Mapping the Arabian Nubian Shield for the Next Wave of Mineral Discoveries

With a long history of gold mining, significant underexplored terrain and growing interest in base metals, critical minerals and industrial minerals, the Arabian Nubian Shield presents an important opportunity for new discoveries and future mine development. As exploration interest increases, the ability to generate, modernise and interpret geological data will be central to unlocking the shield’s mining potential. Modern exploration starts with data, with technologies such as geological mapping, airborne geophysics, geochemical surveys, remote sensing and mineral systems analysis all playing an important role in identifying prospective terrains, ranking targets and reducing early-stage exploration risk. Stronger mapping and survey programmes can help neighbouring governments across the region better understand their mineral endowment, promote high-potential areas to investors and create more transparent pathways for exploration.

Attendee Insights:

Panelists will explore how improved geological data, modern survey techniques and digital exploration tools are accelerating exploration projects across the Arabian Nubian Shield, strengthening investor confidence and building a stronger pipeline of commercial discoveries.



Showcasing Egypt’s Mining Reform Agenda

Egypt is advancing a new phase of mining sector reform aimed at creating a more attractive, transparent and investment-ready operating environment. Recent efforts have focused on modernising the regulatory framework, introducing open block procedures, allowing investors to apply for available areas without waiting for bid rounds, alongside exclusive, transferable, multi-commodity exploration permits and reconnaissance licences that provide a lower-risk route into early-stage exploration. Companies can also apply for adjacent blocks, supported by more flexible exploration timelines and negotiable relinquishment provisions. A central feature of this reform effort is stronger institutional coordination, both within the Ministry of Petroleum and Mineral Resources and across the wider government.

Attendee Insights:

The panel will showcase how Egypt’s latest mining reforms, supported by stronger coordination across government entities, are creating a more transparent, competitive and investment-ready sector, with clearer pathways from exploration to mine development.



Industrial Minerals as the Backbone of Manufacturing, Infrastructure and Export Growth

For global economies, industrial minerals are essential inputs for construction, manufacturing, agriculture and infrastructure development. Cement, glass, ceramics, fertilisers, building materials and chemicals all depend on reliable supplies of limestone, gypsum, silica sand, kaolin, feldspar, phosphate and other non-metallic minerals. Unlike precious or base metals, their value is driven less by grade alone and more by purity, consistency, physical properties, deposit location and suitability for specific industrial uses. This makes geology, mineral characterisation and processing capability central to the development of commercially viable industrial mineral projects.

Attendee Insights:

An important discussion on how Egypt’s industrial minerals can be better explored, characterised and processed to meet the requirements of local and export markets, supporting stronger supply chains across construction, fertilisers, glass, ceramics and building materials.

Building Downstream Value Chains to Maximise Mineral Wealth

The development of downstream industries is seen as an important next step for mining countries seeking to maximise the economic impact of their mineral resources. Rather than focusing solely on extraction and export of raw materials, downstream development aims to retain more value in-country through processing, refining, manufacturing, and associated services. For mineral-rich countries, a thriving downstream value chain supports job creation, skills development, improved export capabilities, reduced reliance on imports and stronger industrial linkages across the economy. However, downstream facilities are capital intensive and require long-term certainty on feedstock supply, pricing, and market access, which can be difficult to secure in jurisdictions where exploration pipelines are still developing.

Attendee Insights:

Insights on the policies and infrastructure needed to support downstream development, and how government, industry, and investors can work together to build value chains that maximise mineral wealth while remaining competitive in global markets.

Improving Logistics, Infrastructure and Access for Remote Exploration and Mining Sites

A competitive mining sector is built on logistics and infrastructure, and without the right roads, railways, power grids, and port infrastructure, even high-quality deposits can remain uneconomic. This is particularly relevant for Egypt's Eastern Desert, where much of the country's exploration and mining activities are concentrated. As Egypt's mining output grows toward longer-term targets, the strength of the national transportation network becomes increasingly important. Existing road and rail links will need to expand and improve to support higher volumes of mineral movement from remote desert locations to processing facilities and export gateways, while reducing costs, delays, and operational risk.

Attendee Insights:

Local governors will explore how infrastructure investment and logistics improvements can support mining project development, while making operations more competitive, scalable, and attractive to long-term investors.

Delivering a Strong Pipeline of Exploration Companies and Commercial Discoveries

Under the leadership of Egypt's Minister of Petroleum and Mineral Resources, His Excellency Eng Karim Badawi has created the conditions needed to attract junior mining companies, supporting early-stage exploration activity, and favourable conditions to progress from discovery through to development. While the country has made progress in modernising the mining sector by reforming policy frameworks, fiscal terms, and licensing processes, the next challenge is converting this foundation into increased on-the-ground exploration, particularly by attracting a larger and more diverse pool of junior mining companies.

Attendee Insights:

The closing fireside chat with His Excellency Eng Karim Badawi will focus on how Egypt is positioning itself to attract and retain more exploration companies, and the practical steps needed to increase exploration activity in the Eastern Desert.

TECHNICAL CONFERENCE

Spotlighting geoscience, exploration technologies, and operational excellence, the Technical Conference at the Egypt Mining Forum delves into the latest advancements in mineral exploration. Developed in collaboration with leading geologists, geophysicists, exploration managers, and technology innovators, the technical sessions deliver expert-led insights and project case studies that highlight the latest trends redefining mineral exploration and the best practices driving new commercial discoveries.

500+
Forum Delegates

100+
Global Speakers

30+
Forum Sessions

2
Conference Tracks



2026 Technical Committee Members



Lamia Mohamed Anass
General Manager
Technical Office
Mineral Resources and
Mining Industries Authority



Duran Archery
General Manager
Sukari Gold Mines



Antony Benham
Regional Director, UK
and Saudi Arabia
The MSA Group



Jamie Price
Consultant Geologist
SRK Consulting



Heather King
Director of Exploration
Axiom Exploration Group



Sergio Espinosa
Principal Geophysicist
(Mining and Exploration)
Fugro



Stephen Reford
Senior Geophysicist
Xcalibur Smart
Mapping



Pantelis Soupios
Head of Geophysics
Department
Technical Development
Solutions (TDS)



Hassan Baioumy
Head of Research
& Academia
ARGAS

Technical Categories



ARABIAN NUBIAN
SHIELD GEOLOGY



GEOPHYSICAL
METHODS



EXPLORATION TECHNOLOGIES &
INNOVATION



ADVANCES IN
DRILLING



GEOCHEMISTRY &
LAB SAMPLING



EXPLORATION TO MINE
DEVELOPMENT



MINE
OPERATIONS



NEXT-GEN
WORKFORCE

Sessions Preview

Monday 28 September 2026

SESSION 1 13:30 - 14:40

Geochemistry, Sampling &
Analytical Techniques for Mineral
Exploration

SESSION 2 14:40 - 15:50

Accelerating Mineral Discovery
Through AI & Advanced Exploration
Technologies

SESSION 3 15:50 - 17:00

Resource Recovery, Processing
& Sustainable Mining

SESSION 4 17:00 - 18:10

Geological Frameworks & Gold
Systems of the Arabian–Nubian
Shield

Tuesday 29 September 2026

SESSION 5 10:00 - 11:10

Planning Effective Mineral
Exploration Campaigns

SESSION 6 11:10 - 12:20

Innovative Approaches to Mineral
Targeting & Geoscience Exploration

SESSION 7 12:20 - 13:30

Critical Mineral Systems &
Metallogenesis in the Arabian–
Nubian Shield

SESSION 8 14:00 - 15:10

Developing Commercial Mines from
Exploration to Production

SESSION 9 15:10 - 16:20

Operational Excellence, Safety and
Productivity in Mining

SESSION 10 16:20 - 17:30

Building the Future Mining
Workforce



CATEGORY: GEOCHEMISTRY & LAB SAMPLING

SESSION: 1

TITLE: GEOCHEMISTRY, SAMPLING & ANALYTICAL TECHNIQUES FOR MINERAL EXPLORATION



CATEGORY: EXPLORATION TECHNOLOGIES & INNOVATION

SESSION: 2

TITLE: ACCELERATING MINERAL DISCOVERY THROUGH AI & ADVANCED EXPLORATION TECHNOLOGIES

PRESENTATION TITLES AND SPEAKERS

13:30 - 13:45 **Reducing sampling bias in highly heterogeneous gold deposits using MSTE: a field-based study from the Arabian-Nubian Shield**
Mohamed Hasan Ahmed, Senior Geologist, Rida Group

13:45 - 14:00 **Geochemical characteristics of gold deposits in South Qweiri compared to orogenic gold models**
Fathallah Othman, Geologist, Shalateen Mineral Resources Company

14:00 - 14:15 **From routine testing to intelligent performance: a strategic transformation framework for industrial laboratories**
Amr Abdelrahman, Section Head Egyptian Projects Operation and Maintenance (EPROM)

14:40 - 14:55 **A multi-modal geo-genomic digital twin framework for zero-impact mineral exploration: the TerraSense AI architecture**
Maryam Umar, Researcher, Center for Digital Transformation of Health University of Melbourne Australia

14:55 - 15:10 **An AI-driven decision-support framework for satellite-based mineral prospectivity and target prioritisation**
Hani Elshafei, AI Researcher, Tuwaiq

15:10 - 15:25 **Intelligent mining solutions: AI-driven ground selection opportunities, challenges, and the human factor**
Ahmed Hanafy, Group Chief Executive Officer, DP Holding



CATEGORY: MINE OPERATIONS

SESSION: 3

TITLE: RESOURCE RECOVERY, PROCESSING & SUSTAINABLE MINING



CATEGORY: ARABIAN NUBIAN SHIELD GEOLOGY

SESSION: 4

TITLE: GEOLOGICAL FRAMEWORKS & GOLD SYSTEMS OF THE ARABIAN-NUBIAN SHIELD

PRESENTATION TITLES AND SPEAKERS

15:50 - 16:05 **Circularity in the Arabian-Nubian Shield: technical and economic optimisation through integrated resource recovery**
Yasmeen Farghaly, HSES Projects Coordinator, Sukari Gold Mines - AngloGold Ashanti

16:05 - 16:20 **Transforming illegal artisanal gold mining in Egypt: lessons from Tanzania's successful formalisation model for artisanal and small-scale gold miners**
Charles Stafford, ESG Coordinator, Lotus Gold Corporation

16:20 - 16:35 **Advanced recovery of critical minerals from produced water and drilling residues**
Chahira M. Taymour A. Hassib, Assistant General Manager, Senior Project Manager, Engineering for Petroleum and Process (Enppi)

16:35 - 16:50 **Operational excellence at Sukari: TRIFR reduction and minimised downtime**
Yasmina Emad, Safety Officer, AngloGold Ashanti

17:00 - 17:15 **From litho-structural framework to gold prospectivity in the Northern Arabian Shield**
Arnaud Fontaine, Structural Geologist, Arethuse Geology

17:15 - 17:30 **Reuniting the Shield: a plate reconstruction approach to Egyptian exploration**
Jamie Price, Senior Consultant Geologist, SRK Consulting UK


17:30 - 17:45 **Physicochemical constraints on gold deposition at the WG03 prospect: insights from fluid inclusion geochemistry and tectonic discrimination of the Gabgaba Terrane (ANS)**
Hibatalla Gadalla, Senior Geologist, Managem Group

17:45 - 18:00 **Structural controls on gold mineralisation in the Hamida area, South Eastern Desert, Egypt: field observations and remote sensing analysis**
Hassan Mohy, Geological Operations Management Manager, AFAQ Mining

JOIN THE TECHNICAL CONVERSATION ADVANCING EXPLORATION, DISCOVERY, AND MINE DEVELOPMENT

egyptminingforum.com/delreg

delegates@egyptminingforum.com



CATEGORY: GEOPHYSICAL METHODS & ADVANCES IN DRILLING

SESSION: 5


TITLE: PLANNING EFFECTIVE MINERAL EXPLORATION CAMPAIGNS



CATEGORY: EXPLORATION TECHNOLOGIES & INNOVATION

SESSION: 6

TITLE: INNOVATIVE APPROACHES TO MINERAL TARGETING & GEOSCIENCE EXPLORATION



CATEGORY: ARABIAN NUBIAN SHIELD GEOLOGY

SESSION: 7

TITLE: CRITICAL MINERAL SYSTEMS & METALLOGENESIS IN THE ARABIAN-NUBIAN SHIELD



CATEGORY: EXPLORATION TO MINE DEVELOPMENT

SESSION: 8

TITLE: DEVELOPING COMMERCIAL MINES FROM EXPLORATION TO PRODUCTION

PRESENTATION TITLES AND SPEAKERS

10:00 - 10:15	Leveraging modern airborne geophysics for comparative geological insight and exploration advancement across the Arabian-Nubian Shield Thashen Naidoo, Project Geophysicist & Business Development, Xcalibur Smart Mapping	11:10 - 11:25	From data to discovery: a structural-fluid framework for orogenic gold targeting in the Arabian-Nubian Shield Darin Labrenz, President & Director of Exploration, Red Sea Resources Ltd.
10:15 - 10:30	Gold exploration at Gebel Ghuwayrib area, Northern Eastern Desert, Egypt Mahmoud Hegab, Researcher, National Authority for Remote Sensing and Space Sciences (NARSS)	11:25 - 11:40	Leveraging remote sensing, artisanal workings and early ESG integration to de-risk gold exploration in Egypt Scott Campbell, Exploration Geologist, SRK Exploration
10:30 - 10:45	Future exploration potential of gold in the Southern Eastern vDesert Tarek Sedki, Expert Consultant - Geology & Mining, Shalateen Mineral Resources Company	11:40 - 11:55	An innovative bioelectrochemical approach for rare earth element recovery via MFC-bioleaching Rawan K. Hassan, Research Assistant, Nile University
10:45 - 11:00	Exploration progress update – Wadi Dara Au–Cu prospect Abdelhaleem Assran, Exploration Manager, Ankh Resources		

PRESENTATION TITLES AND SPEAKERS

12:20 - 12:35	Energy transition metal resources in the Arabian Shield, Saudi Arabia: a geological and geochemical perspective Hassan Baioumy, Head of Research & Academia, ARGAS	14:00 - 14:15	Romeit Gold Property: telling a success story for a recent commercial discovery in Egypt Ragab El Banna, Vice President Exploration, AFAQ Mining
12:35 - 12:50	Unlocking Egypt's rare earth potential within the Arabian-Nubian Shield for a competitive critical minerals future Mohamed Al Naggar, Assistant, First Undersecretary of HSE, Energy Efficiency and Climate, Ministry of Petroleum & Mineral Resources	14:15 - 14:30	A new development paradigm: using early production to bridge the valley of death—balancing immediate cashflow with development objectives and long-term mine value Nouraldin Ahmmad, Senior Mining Engineer, Eqat Gold Mines (EGM)
12:50 - 13:05	Atlantis II Deep: Geological genesis and historical perspectives of Red Sea metalliferous muds Nicolaas Steenkamp, Principal Geologist, SRK Consulting	14:30 - 14:45	Delivering Oman's first modern copper–gold mine through a PMC model: the Al Wash-hi Majaza project Chadi Khafaja, Business Development Executive, Progesys Inc.
13:05 - 13:20	Jordan's geological potential: opportunities for developing and investing in critical and strategic high-value minerals Hisham Alzyod, Director of Geology & Mining, Jordan Ministry of Energy & Mineral Resources	14:45 - 15:00	Improving resource estimation in narrow vein deposits: a practical two-dimensional approach James Haythornthwaite, Principal Consultant (Resource Geology), SRK Consulting (UK) Ltd



CATEGORY: MINE OPERATIONS
 SESSION: 9
 TITLE: OPERATIONAL EXCELLENCE, SAFETY AND PRODUCTIVITY IN MINING



CATEGORY: NEXT-GEN WORKFORCE
 SESSION: 10
 TITLE: BUILDING THE FUTURE MINING WORKFORCE

PRESENTATION TITLES AND SPEAKERS

<p>15:10 - 15:25 Advancing mining operations through safety-driven production and continuous improvement Joshua Savit, Principal Advisor, Safety, Hexagon</p>	<p>16:20 - 16:35 The importance of qualified talent as a catalyst in safely troubleshooting drilling and mining operations in the Middle East and North Africa (MENA) using AI, VRD, and augmented technology for training John Galitos, Dean Workforce Development & Associate Professor of Chemistry, Southern University at Shreveport</p>
<p>15:25 - 15:40 Extending heap leach processing to sulphides and secondary resources: a modular, low-impact approach to critical metals recovery Mohammad Doostmohammadi, Chief Executive Officer & Founder, pH7 Technologies</p>	<p>16:35 - 16:50 The future of mining safety starts with how work feels Martyn Campbell, Managing Director, Martyn Campbell Consulting</p>
<p>15:40 - 15:55 From mineralogy to metallurgy: integrated phosphate beneficiation design and execution Queralt Tobarra, Senior Manager, Metso Corporation</p>	<p>16:50 - 17:05 Beyond tokenism: a field-grounded, phased approach to digital transformation with particular relevance to early-stage and small-scale mining projects Mohamed Sharaka, Operations Manager, Genesis Mining</p>
<p>15:55 - 16:10 Optimised blast design for maximum yield of armourstone (rock armour blocks) in Egyptian dolomite quarries: A practical PMS-based framework bridging geology and mine operations Akram Kamal Mohamed Elbanany, Project Manager High Gravel</p>	<p>17:05 - 17:20 Building a next-generation mining workforce for Africa and the Middle East: skills, policy, and industry alignment Mbotidem Jackson, Technical Anchor, Nigerian Economic Summit Group</p>



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