



PROGRAM

GE MINING

INTERNATIONAL GEOLOGY AND MINING FORUM

October 26-27, 2023 | Baku, Azerbaijan



DAY 1

OCTOBER 26

Gulustan Palace

GEOMINING

INTERNATIONAL GEOLOGY AND MINING FORUM

October 26-27, 2023 | Baku, Azerbaijan

08:30 - 08:50

 REGISTRATION

09:00 - 11:00

OPENING CEREMONY

11:00 - 11:25

 COFFEE BREAK

11:30 - 12:40

SESSION 1

The role of the mining industry in the international supply chain and the place of the mining industry in Azerbaijan

MODERATOR

Fariz Ismailzadeh

Azerbaijan, ADA University, Vice-Rector for External, Government and Student Affairs

SPEAKERS

11:30-11:40

Ali Aliyev

Chairman

[Geological Survey Agency](#)

Current situation and potential in the geology of Azerbaijan

11:50-12:00

Valeh Alasgarov

Chairman

[Alat Free Economic Zone Authority \(AFEZ Authority\)](#)

Alat Free Economic Zone

12:10-12:20

Giovanni Andrea Blengini

Professor

[Polytechnic of Turin. Department of Environment, Land and Infrastructure Engineering](#)

Critical Raw Materials in the EU and International Agendas

12:30-12:40

Anvar Mammadli

1st Azerbaijani Ph.D. Candidate in mining engineering.

[Western Australia School of Mines Faculty of Science and Engineering](#)

[Curtin University](#)

Potential strategic and critical raw materials in Azerbaijan

11:40-11:50

Samir Idayatov

Chairman

[The State Agency for the Use of Mineral Resources](#)

Current situation and prospects of Azerbaijan mining industry

12:00-12:10

George Barakos

Lecturer | [Western Australia School of Mines; Minerals,](#)

[Energy and Chemical Engineering](#)

[Faculty of Science and Engineering, Critical Raw Materials Expert](#)

[Curtin University](#)

Status quo and future perspectives of the global mining industry toward the transition to renewable energy sources.

12:20-12:30

Shahbaddin Musayev

Advisor

[AzerGold CJSC](#)

Forecast indicators of deposits of precious and non-ferrous metals on the territory

of the Azerbaijan and prospects of their development



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12:40-13:10



DISCUSSION PANEL

13:10-14:10



LUNCH

14:10-15:10

SESSION 2 (PART 1)

Geocological problems and environmental protection in the mining industry

MODERATOR

Oksana Vovk

Ukraine, Educational and Scientific Institute of Energy Saving and Energy Management.
Professor.

SPEAKERS

14:10-14:20

Ebru Beyribey

Chemical Engineer
MTA - Mineral Research and Exploration
General Directorate

Environmental Management
in New Generation Mining

14:30-14:40

Rovshan Abbasov

Head of the Geography and Environmental
Sciences Department, associate professor
Khazar University

Introducing environmental thresholds
into water withdrawal management
of mountain streams in the Kura river

14:50-15:00

Alena Temnikova

Director of Operations and Finance
Environmental health and Pollution management Institute,
Georgia, innovation adviser Pegasus Global Business Services,
Inc, Florida

Oil sludge utilization for alternative
energy sources production.

14:20-14:30

Petr Sharov

Regional Coordinator, Ph.D.
Global Alliance on Health and Pollution

Problems of toxic heavy metals contamination
and associated health risks in areas
of non-ferrous metals mining and smelting

14:40-14:50

Oktay Shahbaz

Professor, Dsc
Kutahya Dumlupinar University

New Era in Mining and Project Opportunities
for Mining Engineers

15:00-15:10

Indira Zakipova

Head of Society
Civil Society Association ECOIS-BISHKEK

Steps in assessment and mitigation of health risks
associated with obsolete pesticides and
other persistent organic pollutants.

15:10-15:40



DISCUSSION PANEL



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 **15:40-16:30**

SESSION 2 (PART 2)

 **15:40-15:50**


Margus Raha

Analyst of mineral resources
The chairman of the Commission of mineral resources
Department of mineral resources
Ministry of Climate, Estonia
Geoecological problems
and environmental protection
in the mining Industry

 **16:00-16:10**


Pham Van Son

Managing Director
Vietnam Environmental Incident Response Center (SOS Center)
Problems of toxic heavy metals contamination and associated
health risks in areas of non-ferrous metals mining and smelting
Practical lessons of oil spill
response activities in Vietnam

 **15:50-16:00**

Vusal Agayev

Chairman of the Board
State Agency for Safe Working in Industry
and Mountain-Mining Control
Technical security,
current situation and perspectives
in the Mountain-Mining field

 **16:10-16:20**

Farid Murtuzov

Head of Environmental
AzerGold CJSC
Environmental disturbances during mining activities
and rehabilitation of mining areas

 **16:20-16:30**

Licia Santoro

Professor, Department of Earth Sciences
University of Torino
Exploring the CRMs of ancient mine sites,
and the potential recovery from granite
extractive mining waste

 **16:30-17:00**



DISCUSSION PANEL

 **17:00-19:30**

FREE TIME

 **20:00-22:00**



GALA DINNER | GULUSTAN PALACE




DAY 2
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 **09:30-10:30**

SESSION 3 (PART 1)


New technologies in the geology and mining industry and the application of new methodologies.

MODERATOR

Kabelo Rathobei

Sweden, Luleå University of Technology,
Division: Business Administration and Industrial Engineering Department of Social Sciences,
Technology and Arts

SPEAKERS

 **09:30-09:40**

Alper Kiyak

Geophysics M.Sc.

MTA - Mineral Research and Exploration General Directorate

Current Technologies in Mineral
and Underground Resources Exploration Geophysics:
Airborne Geophysical Surveys

 **09:50-10:00**

Mohamed Gaima

Regional Mining Manger

National Minerals Agency,

the department in the Government of Sierra Leone

An overview of the mineral resources of Sierra Leone
and the main technologies for
diamond deposit development

 **10:10-10:20**

Kamen Bogdanov

Professor of Economic Geology, Faculty of Geology and

Geography Department of Mineralogy,

Petrology and Economic Geology

Sofia University

Remote sensing mineral alteration mapping
for Cu and Au deposits exploration

 **09:40-09:50**

Valeria Kovach

Leading researcher

State Institution "Institute of Environmental Geochemistry
of the National Academy of Sciences of Ukraine"

Innovative search technology for energy resources
(conventional | unconventional
hydrocarbons and hydrogen)

 **10:00-10:10**

Ali Huseynov

Technical director

Holcim

New and more efficient road construction method
with road binders and reuse of processed demolition
waste for general and road construction.

 **10:20-10:30**

Farhang Hedjazi

Chief Operating Officer

Azerbaijan International Mining Company Limited (AIMC)

New technologies in the geology and mining industry
and the application of new methodologies.

 **10:30-11:00**



DISCUSSION PANEL



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 **11:00-11:30**

 **COFFEE BREAK**

 **11:30-12:40**

SESSION 3 (PART 2)

 **11:30-11:40**

Barbara Jones

Executive Vice President
Cardinal Resources LLC

Working with Artisanal and Small Mines
in Senegal to Produce Responsibly Sourced Gold
and Eliminate Mercury

 **11:50-12:00**

Ogtay Mammadov

Deputy Chairman
AzerGold CSJC


Current general trends in the mining sector

 **12:10-12:20**

Oksana Vovk

Professor
Educational and Scientific
Institute of Energy Saving and Energy Management.

Alternative methods of mineral resources identification

 **12:30-12:40**

Yashar Musayev

Senior Management
Siemens Energy Global GmbH & Co. KG


Green Energy Technologies: Green Hydrogen
as one of the Primary Energy Sources in the Future"

 **11:40-11:50**

Natalia Zuievska

Professor
Geoengineering Department National Technical University of Ukraine
"Igor Sikorsky Kyiv Polytechnic Institute"

The use of GIS to improve the parameters
of gold-bearing quartzite extraction technology

 **12:00-12:10**

Sagib Saki

Regional Construction Risk Manager, Ph.D
Amazon.com Inc.

Technology in mining

 **12:20-12:30**

Gurban Zeynalov

CEO
Minetec Smart Mining

Mining in a modern world:
Exploring Innovation and Trends in Global Mining

 **12:40-13:00**

 **DISCUSSION PANEL**

 **13:00-14:00**

 **LUNCH**

 **14:00-14:30**

MEMORANDUM SIGNING



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14:30-15:10

SESSION 4 (PART 1)

Investment trends and reporting in the mining

MODERATOR

Suleyman Babayev

Azerbaijan, Business development and consulting

SPEAKERS

14:30-14:40

Derick De Wit

Director and Senior Project Manager
"Micon International"

Top Five Considerations for Due Diligence
in GeoMining Projects

14:50-15:00

Nigar Sadigova

GIS, remote sensing specialist
Space Agency of the Republic of Azerbaijan

Geospatial Tools For Mining: A Practical Approach

14:40-14:50

Selim Altun

Mining engineer
MTA - Mineral Research
and Exploration General Directorate

Economic Evaluation in Mine Exploration

15:00-15:10

Liz de Klerk

Executive director, chief geologist
"Micon International"

International reporting codes

15:10-15:30



DISCUSSION PANEL

15:30-16:00



COFFEE BREAK

16:00-16:40

SESSION 4 (PART 2)

16:00-16:10

Khadija Aghazada

International Business Development Specialist
Netcad Yazılım A.Ş

Modern Netcad Web Technologies
Applied in Mining Industry

16:20-16:30

Alasgar Mammadov

Head of Geographical Information Systems division
AzerGold CJSC

"Capabilities of modern GIS for data processing and
visualization for the mining industry"

16:10-16:20

Tugberk Kuchuk

International Business Development Specialist
Netcad Yazılım A.Ş

Modern Netcad Desktop Solutions Applied in Mining Industry

16:30-16:40

Ayzangul Ganbarova

Head of Fund
The State Geological Information Fund

The Geological Information Fund

16:40-17:00



DISCUSSION PANEL