



Mining, Geological and Petroleum
Engineering Branch



Jordan Engineers Association

مؤتمر التعدين الأردني الدولي السابع

THE 7th JORDANIAN INTERNATIONAL MINING CONFERENCE

*Strategic Energy Resources and Development challenges in the
Mining Sector*

21-23 October 2014
Kempinski Hotel - Amman

Conference Program

Organized by

Jordan Engineers Association/

Mining, Geological and Petroleum Engineering Branch

Amman – Jordan

Day one - Tuesday, 21st October 2014
Al Reem Hall
Kempinski hotel

INAUGURATION	
08:00-10:00	Reception and Registration
10:00 - 11:20	Opening Ceremony Chairman of Organizing Committee Head of Mining, Geological and Petroleum Engineering Branch Chairman of Jordan Engineers Association Patron speech His Royal Highness the Prince Al Hassan Bin Talal
11:20-12:50	<i>Exhibition Opening and Welcome Coffee Break</i>

Keynote Speech 1: Dr. Trad El Ahmed, Private Consultation, Syria
Strategic Energy Resources
12:50 – 13:45 Al Reem Hall

Chairman: Dr. Khaled Al Tarawneh
Al-Hussein Ben Talal University, Jordan

Co-Chairman: Geo. Taha Al-Khawaldeh
Arab Mining Co., Jordan

Al-Reem Hall
Session-1 Energy Resources and Environment

	<i>Chairman: Dr. Jamal Alali</i> <i>South for Oil Shale</i>	<i>Co-Chairman: Dr. Awwad Titi</i> <i>Al-Hussein Ben Talal University</i>
13:45 – 14:10	Enefit's Experience in Jordan Oil Shale Reserve Estimation: A Movement from Optimism to Realism Eng. Erkki Kaisla, Dr. Muwafaq Al-Zoubi - Enefit, Estonia.	
14:10 – 14:35	Toward Site Selection Of Permanent Geological Disposal For High-Level Nuclear Waste In Jordan Dr. Mohammad Dweirj, Dr. Khaled Tarawneh, Dr. Awad Al Titi and Dr. Salahedin Malkawi - Al Hussein Bin Talal University, Jordan.	
14:35 – 15:00	Developing Jordan's First Oil Shale Fired Power Plant and First Oil Shale Mine: The Challenges of Creating an Environmental Impact Assessment Tobias Henrik Andersen, Enefit, Estonia.	

15:00-16:00	LUNCH
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Day Two - Wednesday, 22nd November 2011

Panel Discussion: Red Sea–Dead Sea Canal

H.E. Dr. Hazim El-Naser - Minister of Water and Irrigation, Jordan.

H.E. Dr. Shaddad Attali - Water Minister, Head of Palestinian Water Authority, Palestine

H.E. Eng. Jamal Qammoh – Chairman of the Parliament Energy Committee, Jordan.

H.E. Eng. Maisoon Al-Zoubi - Water Expert, Former Secretary General of MOWI, Jordan

10:00 – 11:15 Al Reem Hall

Chairman: Eng Mohammad Abu Taha (Independent Consultant)

Day Two	Al Reem Hall
Session-2 Water Resources and Environment	
<p><i>Chairman: Prof. Elias Salameh University of Jordan, Jordan</i></p> <p style="text-align: right;"><i>Co-Chairman: Eng. Eiad Al-Hajebi Ministry of Water and Irrigation, Jordan.</i></p>	
11:15-11:40	<p>Broadcasting and Early warning for Piloting Climate Change In Arab world – Case study, Jordan</p> <p>Eng. Muawia Samarah, Dr. Shedeh Ghannam, Dr. Orabi Al-Rawi and Dr. Monther Alawneh, Al-Isra University-Jordan</p>
11:40-12:05	<p>Hydrogeological, hydrochemical and geophysical investigations to study the potential of underground water storage along King Abdullah Canal – Deir Alla Area /Jordan</p> <p>Prof. Elias Salameh, Dr Hani Al-Amoush and Dr Marwan Al-Raggad, University of Jordan-Jordan</p>
12:05-12:30	<p>Wastewater Recycling and Reuse – New Paradigm for integrated water use–Pure, Safe and Clean</p> <p>Dr. Suhail Wahsheh, Ministry of Water and Irrigation-Jordan</p>
12:30-12:55	<p>Study of the Properties of Eshidiya Mine Wastewater for Reuse purposes</p> <p>Eng. Ehab Hijazeen -Jordan Oil Shale Company</p>
12:55-13:45 Coffee Break	

Day Two	Al Reem Hall	
Session- 3 Mining Technology and Exploration		
	<i>Chairman: Eng. Mohammad Radwan Almomani Ministry of Water and Irrigation</i>	<i>Co-Chairman: Eng. Mohammad Fandi Independent Consultant</i>
13:45-14:10	Geochemical prospecting and exploration for gold and associated elements in J. Moya Area south eastern Sudan Eng. Osman Hamed, Eng. El-Sheikh Abdel-Rahaman, Eng. Mujzoub Khaleifa, Eng. Mohammed Azmi-Sudan	
14:10-14:35	Drilling and Blasting Operations for Limestone Extraction in Lahej National Cement Factory, Yemen Eng. Abdullah Aklan- Lahej National Cement Factory, Yemen,	
14:35-15:00	Tunnel-Based Horizontal-Drilling Rig Design for Oil Shale Extraction Eng. Samer Alshaer, Eng. Mohammad Alshareef, Eng. Anas al Marmeh, Eng. Abdallah Brijih, and Dr. Tarek A. Tutunji – Philadelphia University, Jordan	

15:00-16:00	LUNCH
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Day Two - Wednesday, 22nd October 2014
(Parallel - Sessions) Sun Hall

Day Two	Sun Hall
Session- 5 Mineral Processing and Mining Economy	
<p style="text-align: center;"><i>Chairman: Dr. Issa Oweis Private Consultation, Jordan</i></p> <p style="text-align: center;"><i>Co-Chairman: Eng. Omar Tahat MEMR, Jordan</i></p>	
11:15-1140	<p>A new Technology To Produce Phosphoric Acid, Pure Chemical Gypsum And Pure Fertilizer From Jordanian Phosphate Eng. Ibrahim Rabb'a- Natural Resources authority-Jordan</p>
11:40-12:05	<p>Rare Earth Elements extraction from Florida Phosphate Dr. Salah Al-Thyabat –Al Hussein Bin Talal University, Jordan and Prof Patrick Zhang, Florida Phosphate Research Centre- USA</p>
12:05-12:30	<p>The Concentration Of Elements In Oil Shale Ash of Jordan Abdullah Al-shafie and Khaled Abu Rass -Tafila Technical University, Jordan</p>
12:30-12:55	<p>Economic feasibility studies for gold and chrome mining in the Blue Nile State of Sudan Kefah Othman, Sudan</p>
12:55-13:45 Coffee Break	
Session- 6 Engineering Geology and Industrial Rocks	
<p style="text-align: center;"><i>Chairman: Prof. Yosef Masannat University of Jordan</i></p> <p style="text-align: center;"><i>Co-Chairman: Eng. Ali Nasser Jordan Engineers Association</i></p>	
13:45-14:10	<p>Vibration Characteristics, Frequency and Damping of the Al-Mujib Bridge and the Delta Eng. Mohammad Fandi Naser-Private Sector, Jordan</p>
14:10-14:35	<p>Reinforcement of Concrete Block With Marble Waste Eng. Zainelabdin Khalid Zainelabdin Elfaki- Mining House Company, Saudi Arabia</p>
14:35-15:00	<p>Shoring Eng. Sameer El-Shekh, Arab Bridge for Geotechnical Studies</p>

15:00-16:00	LUNCH
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Day Three - Thursday, 3rd November 2011
Al Reem Hall

Keynote Speech 2: Prof. Hani Khoury, University of Jordan

Geopolymers: New Products from kaolinite for Sustainability of the Environment
10:00– 11:00 AL Reem Hall

Chairman: Eng. Ahmad Mubaideen

Co-Chairman: Eng. Mohammad Hammouri

Day Three	Al Reem Hall	
Session- 8 Mining Sector Development		
	<i>Chairman: Eng. Mohamad Gharibeh Independent Consultant</i>	<i>Co-Chairman: Eng. Darweesh Qandeeel Independent Consultant</i>
11:00 – 11:25	Socioeconomic Impact of Mining on the Jordanian local communities Dr. Rami Al- Rawashdeh, Dr. Awad Al-Titi, Dr. Khaled Tarawneh and Eng. Mohammad Awwawdeh- Al Hussein Bin Talal University-Jordan	
11:25 – 11:50	Barriers to investment in Jordanian mining sector Eng. Mohammad Al-Hammouri and Geo. Imad Shorbaji, EMRC, Jordan	
11:50 – 12:15	The role of the mining sector in the Jordanian economy development Dr. Khaled Al-Momani and Eng. Mohammad Al-Hmmouri, EMRC, Jordan	
12:15 – 12:40	The role of the Research and Quality Departments in R&D operations Eng. Dina Al-Rayyan, Eng. Qasim Al-Shbool, JPMC, Jordan	
12:40 – 13:05	Rationalization the exploitation of industrial rocks and minerals: the Tunisian experience Eng. Najah El-Shareef , Tunisia	
13:05-13:45 Coffee Break		

Day Three - Thursday, 23rd October 2014
(Parallel - Sessions) **Sun Hall**

Day Three	Sun Hall	
Session- 8 Engineering Geology and Resource Assessment		
	Chairman: Erkki Kaisla <i>Enefit</i>	Co-Chairman: Dr. Nasser Nawasreh [...]
11:00 – 11:25	The Problem Of Black Sands Provenance Examples; Marsa Sagier, Mohmed Qol, And Trinkitat, The Red Sea Coast Of The Sudan??? Mohmed Ali-Sudan	
11:25 – 11:50	The Significance Of Gossans Metallogenic Province Occurrence At Qala En Nahal Area-Gadaref State Mohmed Ali-Sudan	
11:50 – 12:15	Nuclear Technique In Water Resources Assessment And Management In Jordan Eng. Mohammad Radwan Almomani - Ministry of Water and Irrigation, Jordan.	
12:15 – 12:40	Extraction and processing of copper ores Jordan Eng. Omar Tahat, Nour Daajah and Eng. Wejdan Al-Ajarmeh - MEMR, Jordan.	
12:40 – 13:05	The Effects of the Mechanical Activation of Phosphate Ore From Lisina Deposit Ljubiša Andrić, Anja Terzić, Snežana Pašalić, Milan Petrov, Dragan Radulović-Serbia	
13:05-13:45 Coffee Break		

13:45 – 14:45	CLOSING SESSION/ Al Reem Hall Eng. Sameer El-Sheikh Dr. Muwafaq Al-Zoubi Dr. Khaled Al-Tarawneh
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14:45-15:45	LUNCH
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Day Four	Friday 24th October 2014
Paid Field Trip: Visit to Fees : [...] JOD	