

PROPOSED TOPICS

- Challenges and Benefits of Environmental Social Governance (ESG) in Quarries
- Top Trending Technologies Worldwide and Industry 5.0: The Future for Quarries
- 5G Powered Drones: The Way Forward for the Quarrying Industry
- Integrated Smart Technologies for Quarry Planning and Design
- Cost-effective Applications of State-of-the-Art Technologies in Rock Drilling
- Latest trends in Rock Blasting/Fragmentation using Smart Technologies
- Smart and Autonomous Industry 5.0 Technologies in Quarry Transport
- Economic Crushing & Screening using Smart Technologies and Industry 5.0
- Efficient Uses of Smart Technology in Quarry Production and OSH
- Systematic setup of Environmental Social Governance (ESG) for Quarries
- Landmark Success of Environmental Social Governance Management in Quarries
- Recent developments in Environmental Social Governance (ESG) Research

CALL FOR PAPERS

Prospective authors are invited to submit abstracts of not more than 150 words to the IQM secretariat by fax or email before 30 June 2023. The scope of papers submitted should be related to the conference theme.

INDOOR EXHIBITION & SPONSORSHIP

Circulars will be mailed out soon with full details on Exhibition Lots and Sponsorship. Kindly contact the IQM Secretariat, Madam Nirmala Devi if you wish to enquire further.

For more information, please contact the IQM Secretariat:

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Announcement CPD Hours: 15

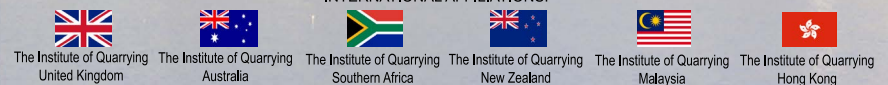
IQM CONEX 2023

QEX 5.0

QUARRY EXCELLENCE 5.0

Environmental Social Governance & Industry 5.0

24 - 25 October 2023
Palm Garden Hotel
IOI Resort City,
Putrajaya, Malaysia





IQM CONEX 2023

QEX 5.0 | Quarry Excellence 5.0: Environmental Social Governance and Industry 5.0

The quarrying industry, internationally acknowledged as the most important source of building material, is recognised worldwide as the foundation in the design and construction of various iconic buildings, infrastructures and amenities all aimed towards further society enrichment and global progress. Contributions of the quarrying sector are thus the vital catalyst and component of any country around the world striving for industrialised and developed nation status. Efficient implementation of Environmental Social Governance (ESG) is a strategic responsible setup for addressing the viable potential for any individual quarry's objectives and activities. With the quantum leap into the exciting era of Smart Technologies and subsequently Industry 5.0, the quarrying industry worldwide needs to evolve forward quickly via acquiring cutting-edge knowledge, skills and innovative practices to stay competitive whilst sustaining the growth momentum of this economic industry towards world-class status. This ingenious era of Smart Technologies is very promising and has opened up unlimited business opportunities within Malaysia and worldwide. Cost-effective Environmental Social Governance supplemented by Smart Technologies and Industry 5.0 technologies aim to produce the best and most efficient quarry to further increase the overall economic returns and good management for this important and dynamic industrial sector.

The special theme for this year's timely high-profile international quarrying conference and exhibition in this fascinating technological era is **'Quarry Excellence: Environmental Social Governance and Industry 5.0 (QEX 5.0 2023)'**. The 3 main pillars of Environmental Social Governance (ESG) are Corporate Governance, Environmentally friendly Responsibilities and Social Commitment. ESG aspires to generate benefits for all the respective stakeholders of the quarrying industry. ESG analysis can be used to assess the sustainability risks, market opportunities, evaluation of project enterprise worth complemented by the assessment of long-term financial returns. Advantages for effective implementation of ESG practices include management's ability to identify and manage risks and opportunities, enhance the trust and transparency for investors/ respective stakeholders and the option to attract further potential investors. **Smart Technologies and Industry 5.0**, the employee-friendly technological way forward, aims to transform the quarrying industry around the world by removing all the dull, dirty, dangerous and repetitive tasks from the workforce. The objective of Industry 5.0 is to help skilled personnel working alongside intelligent machines and robots. This progressive concept is about smart machines working together and helping the dynamic employee work better and faster. It adds a humane personal touch solution to the original objective of Industry 4.0 which just concentrates on automation and efficiency. This caring collaborative human-machine interactive concept of Industry 5.0 would be more useful to the quarrying fraternity across the globe and can be practically applied in any phase

of work which includes administration, production and marketing. Industry 5.0's prime objective is thus aimed at supporting, not superseding, the quarry workforce worldwide.

Based on the outstanding track record and strong support of the Government and industry for past IQM Conferences; this year's **QEX 5.0 2023 Quarrying Conference and Exhibition** is definitely going to be another Great Success to further advance the quarrying industry to another level of world-class excellence. **Innovative and practical Environmental Social Governance (ESG)** practices complemented by the employee-friendly Industry 5.0 niche technology would be another global asset in transforming the already dynamic quarrying sector towards greater excellence. Highlights of topics on pioneering and innovative 'Environmental Social Governance (ESG) practices' complemented by 'Smart Technologies and Industry 5.0' applications useful for the global quarrying industry planned for the upcoming informative yet fascinating QEX 5.0 2023 Quarrying Conference and Exhibition include 'Challenges and Benefits of Environmental Social Governance (ESG) in Quarries', 'Top Trending Technologies Worldwide and Industry 5.0: The Future for Quarries', '5G Powered Drones: The Way Forward', 'Systematic setup of Environmental Social Governance (ESG) for Quarries', 'Smart and Autonomous Industry 5.0 Technology in Quarry Transportation', 'Economic Crushing & Screening using Smart Technologies and Industry 5.0' and 'Landmark Success of Environmental Social Governance Management in Quarries'.

With so many practical **Environmental Social Governance (ESG) initiatives and innovative Smart and Industry 5.0 technology topics for presentation at QEX 5.0**, this acknowledged high-status event is definitely the de-facto international quarrying conference for all directly and indirectly contributing towards the successful continuous progress of this prestigious economic sector. The main objective of QEX 5.0 2023 is to allow the various international and national government agencies, quarrying industry captains, equipment manufacturing technology experts, academia and quarry personnel a high-impact international platform to present practical ESG frameworks and unique innovative economic technology and success stories; and also, to network at the local and international level to further progress this important economic sector - a 'win-win' scenario for all. The de-facto quarrying conference for all directly and indirectly contributing towards the successful progress of this prestigious industrial sector. The objective of EDTQ 2022 is to allow the regional governments and various international industrial captains a high-profile platform to present various concepts and success stories to enhance the quarrying industry; complemented by also the avenue for networking at the local, regional and international level - a 'win-win' scenario for all in the public and private sector.