DR. Haitham Magdi Ahmed
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Education

Degree	*Field*	*Institution*	*Year*
PhD	Mining Engineering	University of British Columbia	2015
MEng	Mining Engineering	University of British Columbia	2009
B.Sc.	Civil Engineering	King Abdulaziz University	2002

Academic Experience

From	*To*	*Institution*	*Rank*	*Title*	*Full / Part Time*
2004	2005	King Abdulaziz University, Mining Engineering Department	TA	TA	Full Time
2010	2013	University of British Columbia, Civil Engineering Department	TA	TA	Part Time
2011	2013	University of British Columbia, Mining Engineering Department	TA	TA	Part Time
2015	Current	King Abdulaziz University, Mining Engineering Department	Assist Prof	Assist Prof	Full Time

Non Academic Industrial Experience*(including Consultations)*

From	*To*	*Company/Entity*	*Title*	*Position Description (Brief)*	*Full / Part Time*
2002	2003	Innovator Consulting Engineers	Engineer	Structure Engineer	Full Time
2003	2004	Saudi Aramco Oil Company	Engineer	Construction Engineer	Full Time

Funded Research Projects and Patents from the Past Five Years

1. An investigation into the pit slope and surface subsidence (Rio Tinto)
2.

Certifications and Professional Registrations

1. Project management profession (PMP) credential from Project Management Institute (PMI) since 2011
2. Received a certificate of participation in the 23rd world mining congress in Montreal, Canada.

Current Membership in Professional Societies and Organizations

	Society/organization	*Rank*	*Member Since*
1.	Project management Institute PMI	Member	2011
2.	Canadian Institute of Mining, Metallurgy and Petroleum CIM	Member	2012
3.	American Society for Civil Engineering ASCE	Member	2002
4.	Saudi Society for Civil Engineering SSCE	Member	2002

Honours and Awards

1. Excellence Grant & Scholarship for graduate studies, from Kingdom of Saudi Arabia, King Abdul Aziz University (2005)
2. The Mann Redmayne Medal: Mining Technology for the paper: Interaction between block caving and rock slope deformation kinematics as a function of cave position and orientation of discontinuities (2015)

Institutional and Professional Services *(administration, committees, units, etc.)*

1. A member of the block caving research group, University of British Columbia, Canada

Principal Publications/Presentations from the Past Five Years

- Influence of Block Cave Mining on Pit Slope Deformation Mechanism, Master Thesis, University of British Columbia (2009)
- Haitham Ahmed and W Scott Dunbar, A Statistical Project Management Approach to Allocate Contingency Associated with Schedule Risks in Mass Mining Construction Projects, Proceeding of 6th International Conference of Mass Mining, Sudbury , Ontario, Canada, June (2012)
- Haitham Ahmed and W Scott Dunbar, Modeling and Pricing of Flexibility in Construction Of Block Caving Operations, Proceeding of 23th World Mining Congress, Montreal, Quebec, Canada, August (2013)
- Haitham Ahmed, Eric Eberhardt and W Scott Dunbar, Interaction Between Block Caving and Rock Slope Deformation Kinematics as a Function of Cave Position and Orientation of Discontinuities, Mining Technology Journal (2014)
- Haitham Ahmed, Malcolm Scoble and W Scott Dunbar, A Comparison Between Offset Herringbone and El Teniente Underground Cave Mining Extraction Layouts Using A Discrete Event Simulation Technique, International Journal of Mining, Reclamation, and Environment (2014)
- Haitham Ahmed, Recognition, Modeling, Pricing of Flexibility in construction of Block Caving, PhD Dissertation (2015)
- Haitham Ahmed, Allan D. Rusell and W Scott Dunbar, Budget and Contingency Estimation in Capital Project Using Least-Square Monte Carlo Real Options, Intended to be Submitted to Project Economics and Construction Journal (Working Paper)
- Haitham Ahmed, W Scott Dunbar and Malcolm Scoble, Application of Discrete Event Simulation in Underground Cave Mining System Design And Construction For Flexibilities, Intended to Be Submitted to Simulation Modeling Practice and Theory Journal (Working Paper)
- Haitham Ahmed and W. Scott Dunbar, Budget Estimation and Contingency Allocation of Block Cave Construction Using Least-squares Monte Carlo Real Options, Intended to be submitted to Mass Mining Conference 2016, Australia (Accepted Abstract)
- Haitham Ahmed and W. Scott Dunbar, Integration of Discrete Event Simulation and Dynamic Programing Techniques for Equipment Selection Optimization in Underground Block Cave Systems, Intended to be submitted to Mass Mining Conference 2016, Australia (Accepted Abstract)

Recent Professional Development Activities *(Workshops, training, etc.)*

1. Workshop Using Dynamic DCF and Real Options to Value, Manage, and Design Mining and Petroleum Projects, Toronto, Canada
2. Certificate in Project Management, Vancouver, Canada.
3. Workshop in Instruction skills, Vancouver, Canada.
4. Workshop in Academic Course Design, Vancouver, Canada.
5. Workshop in Negotiation skills, tools and technique, Vancouver, Canada.