

PROF. HUSSIN A. M. AHMED

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or

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Education

Degree	Field	Institution	Year
PhD	Mineral processing	Wroclaw Technical University, Poland	2005
MS	Mining Engineering	Cairo University, Egypt	1998
BS	Mining Engineering	Assuit University, Egypt	1991

Academic Experience

From	To	Institution	Rank	Title	Full / Part Time
1994	1998	Central Metallurgical R&D Institute	Assis. Research.		Full Time
1999	2005	Wroclaw Technical University	PhD pursue	Lecturer	Full Time
2005	2006	Central Metallurgical R&D Institute	Assist Prof	Assist Prof	Full Time
2006	2011	King Abdulaziz University	Assist Prof	Assist Prof	Full Time
2011	2015	King Abdulaziz University	Associate Prof.	Assoc. Prof	Full Time
2015	Now	King Abdulaziz University	Prof.	Prof	Full Time

Non Academic Experience (including Consultations)

From	To	Company/Entity	Title	Position Description	Full / Part Time
1994	1994	Military factory 99	Engineer	Metallurgy eng.	Full Time
1995	1995	Edfu ferrosilicon co.	Engineer	comminution efficiency	Part Time
1995	1996	Helwan Portland Cement Co	Engineer	Pollution control	Part Time
1997	1998	El-sebaya phosphate co.	Engineer	phosphate Grinding	Part Time
2007	2007	Almasane Alkobra	Consultant	feasibility study	Part Time

Certifications and Professional Registrations

Professional Mining Engineer in Egypt, 2005

Current Membership in Professional Societies and Organizations

Society/organization	Rank	Member Since
1. Saudi Society of Mining engineers	Member	2007
2. Polish society for Mining Engineers	Member	2005
3. Egyptian Syndicate of Professional Engineers	Member	1992

Honors and Awards

1. Award of Professor Zaki Hat-Hoot in physical metallurgy (1990)
2. Award of Ministry of higher education in Egypt for ph. D. Scholarship in Poland, 2000
3. Award of the best presentation during the 39th Prace Naukowe Instytutu Górnictwa Politechniki Wroclawskiej conference, Poland (2004)

Service Activities (within and outside of the institution)

1. Vicechairman for postgraduate studies at Mining Engineering Dept.
2. Program coordinator for Collage of Engineering postgraduates Committe (2011- present)
3. Mining Program coordinator at College of Engineering E-Day cummitte (2007-2010)
4. Central Mineral processing Lab Coordinator since 2010 till present

Principal Publications/Presentations from the Past Five Years

- 1- **Sefiu O. Adewuyi, Hussin A. M. Ahmed and Haitham M. A. Ahmed** (2020). Methods of Ore Pretreatment for Comminution Energy Reduction. Minerals, 10(5), 423; DOI: <https://doi.org/10.3390/min10050423>
- 2- **Hussin A. M. Ahmed** (2019). Assessment of volcanic rocks, in east Jeddah - Saudi Arabia, as aggregates. International Journal of Engineering Sciences & Research Technology, vol. 8 (1)

- 3- **Sefiu O. Adewuyi and Hussin A. M. Ahmed** (2019). Geophysical techniques and their applications in mining. *International Journal of Engineering Sciences & Research Technology*, , vol. 8 (1)
- 4- **Hussin A. M. Ahmed** and A. A. El-Midany (2019). Correlation **between** phosphate ORE bond work index (Wi) and its chemical composition. *Obogashchenie Rud.* 12-17. 10.17580/or.2019.01.02.
- 5- **Mohamed Sazid and Hussin A. M. Ahmed.**, (2019). Stability Analysis of Shallow Depth Tunnel in Weak Rock Mass: 3D Numerical Modeling Approach. *Journal of City and Development.* 1 (1), 18-22. DOI: 10.12691/jcd-1-1-3.
- 6- **Hussin A. M. Ahmed** (2017). Processing of Merykhat saudi talc for different industrial applications. *International Journal of Engineering Sciences & Research Technology*, vol. 6 (12)
- 7- **Hussin A.M. Ahmed**, (2016), Processing of Saudi talc ore for filler industries – Part Characterization and Liberation, *Earth Science Research*, vol. 5 (2)
- 8- Al-Sharqi, L. M., Hashim, K., **Hussin A.M. Ahmed**, (2016), Perceptions of Social Media as a Learning Tool: A Comparison between Arts and Science Students, *International Journal of Social Media and Interactive Learning Environment (IJSMILE)*, Vol. 4 (1), pp. 92-108
- 9- **Hussin A.M. Ahmed** and Gamal M. Attia, (2016), Ore Transportation Cost Minimization Model to Determine Optimum Processing Plant Location, *Journal of Multidisciplinary Engineering Science and Technology (JMEST)*, Vol. 3 (2), pp. 4074 - 4079
- 10- **Hussin A.M. Ahmed** and Gamal M. Attia, (2016), Gravity Center Determination of Aljalamid Phosphate Ore Deposit, *Journal of Multidisciplinary Engineering Science and Technology (JMEST)*, Vol. 3 (2), pp. 4048 – 4050
- 11- Al-Sharqi, L., Hashim, K., Kutbi, I., **Hussin A.M. Ahmed.** (2015), Gender differences of university instructors on perceptions of social media as a teaching and learning tool, *International Business and Education Conferences Proceedings*, August 2-6, 2015, New York, USA, pp. 182-1 – 182-12
- 12- **Hussin A.M. Ahmed**, (2015), Processing of Saudi talc ore for filler industries – Part 1 Magnetic separation and flotation, *Materials Testing*, vol. 57 (11-12), pp. 1007-1012
- 13- M. Abdel-Khalek, **Hussin A.M. Ahmed**, A. El-Midany (2015), High Molecular Weight Poly(Sodium 4-Styrene Sulfonate) - Bentonite Interaction, *The Journal of Ore Dressing*, Vol. 17 (34), pp. 11-17
- 14- **Hussin A.M. Ahmed**, (2014), Effect of Depreciation Expenses on Profitability of Mineral Processing Plants, *Materials Testing*, vol. 56 (6), pp. 498-503
- 15- **Hussin A.M. Ahmed**, M. S. Juhani and J. Drzymała, (2014), Flotation after a Direct Contact of Flotation Reagents with Carbonate Particles –Part 2: Phosphate Ore, *Materials Testing*, vol. 56 (2), pp. 155-159

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

1. Participating in a training course entitled “Environmental inspection in mining sector” Maaden company, from 23 to 25/5/2017
2. Participating in a training course entitled “environmental appraisal and rehabilitation in mining sector” Maaden company, from 1 to 3/8/2017
3. The scientific organizer for a training course entitled “Processing of precious metal ores” AMAK on 2/4/2016
4. Reviewer in *Journal of Colloid & Interface Science and Surface and Interface Analysis*, 2017, 2018, and 2019