

Dr. Mohamed Abdel-Monaem Zytoon*Associate Professor, Department of Industrial Engineering, King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Industrial Hygiene Engineering	Alexandria University	2007
MS	Industrial Hygiene Engineering	Alexandria University	2000
BS	Chemical Engineering	Alexandria University	1993

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2008	present	King Abdulaziz University	Assist. Prof.		Full time
2005	2008	King Abdulaziz University	Lecturer		Full time
2000	2005	Alexandria University	Lecturer		Full time
1997	2000	Alexandria University	Res. Assist.		Full time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2006	present	Many enterprises in KSA	Consultant	Occupational safety, health & environmental compliance	Part time
2000	2005	Many enterprises in Egypt	Consultant	Occupational safety, health & environmental compliance	Part time

Funded Research Projects and Patents from the Past Five Years

1. Research 1/A/3: "Applying Biotechnology for Reducing Sulfur Emissions: Removal of Hydrogen Sulfide in Air-Lift Bioreactor Using Autotrophic Bacteria" Center of Excellence for Environmental Studies, 2011.
2. Research 106/428: "Appraisal of Work Hazards, Safety Performance and Occupational Environmental and Health Conditions in the Industrial Estate of Jeddah", Deanship of Scientific Research, KAU, 2010.
3. "Radioactivity of Jeddah Ambient Air Dust". Funded by: Jeddah Municipality, 2008.

Certifications and Professional Registrations**Current Membership in Professional Societies and Organizations**

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	The Egyptian Society for Industry and Environment		2001
2.	The Occupational Health and Air Pollution Research Center, WHO Collaborating Center		1997
3.	The Egyptian Engineers Syndicate		1993

Honours and Awards

1. Shield of Excellence from the President of KAU for participation in college ABET accreditation committee, 2009.

2. Shield of Excellence from the Chairman of IE Department, KAU for the contribution of the year 2009.
3. Shield of Excellence from the Chairman of IE Department, KAU for the contribution of the year 2007.

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

1. Membership of College Graduate Studies and Research Committee
2. Membership of College OHSAS 18001 Committee
3. Membership of College Maintenance and Safety Committee
4. Membership of the College ABET Committee
5. Membership of the Supervising Committee for the Engineering Management Master Program
6. Membership of the Engineering Day Committee
7. IE Graduate Program Coordinator
8. Supervision of Environmental Factors Laboratory
9. Member of the following IE Department Committees and groups: Graduate Studies Committee, Laboratories and Maintenance Committee, Human Factors Group, Stochastic Processes and Statistical

Principal Publications/Presentations from the Past Five Years

1. **Zytoon, M.A.**, Aburas, H.M., Abdulsalam, M.I. (2014). Determination of 40K, 232Th and 238U activity concentrations in ambient PM2.5 aerosols and the associated inhalation effective dose to the public in Jeddah City, Saudi Arabia. *Journal of Environmental Radioactivity*, 129, 148-156.
2. **Zytoon, M.A.**, Elshazly, A.H., Noweir, M.H., Alzahrani, A.A. (2014). Biological treatment of hydrogen sulfide in airlift bioreactor with direct gas injection. *Environment Protection Engineering*, Accepted manuscript.
3. **Zytoon, M.A.**, Elshazly, A.H., Noweir, M.H., Alzahrani, A.A. (2013). Quantitative Safety Analysis of a Lab-Scale Bioreactor for Hydrogen Sulfide Biotreatment Using Fault Tree Analysis. *Process Safety Progress*, 32(4), 376–386.
4. Noweir, M.H., **Zytoon, M.A.** (2013). Occupational exposure to noise and hearing thresholds among civilian aircraft maintenance workers. *International Journal of Industrial Ergonomics*, 43, 495–502.
5. **Zytoon, M.A.** (2013). Occupational noise exposure of fishermen aboard small and medium-scale fishing vessels. *International Journal of Industrial Ergonomics*, 43, 487–494.
6. Noweir, M.H., Alidrisi, M.M., Al-Darrab, I.A., **Zytoon, M.A.** (2013). Occupational safety and health performance of the manufacturing sector in Jeddah Industrial Estate, Saudi Arabia: A 20-years follow-up study. *Safety Science*, 53, 11–24.
7. **Zytoon, A.** (2012). Occupational injuries and health problems in the Egyptian Mediterranean fisheries. *Safety Science*, 50, 113-122.
8. Aburas, H.M., **Zytoon, M.A.**, Abdulsalam, M.I. (2011). Atmospheric Lead in PM2.5 after Leaded Gasoline Phase-out in Jeddah City, Saudi Arabia. *Clean – Soil, Air, Water*, 39, 711-719.
9. Abdulsalam, M.I., Aburas, H.M., **Zytoon, M.A.** (2011). Assessment of Ambient Air Quality in the City of Jeddah. Jubail International Environment Conference, Royal Commission for Jubail and Yanbu (RCJY), Jubail Industrial City, Saudi Arabia, 5-6 June 2011.
10. Al-Darrab, I. A., Khan, Z. A., **Zytoon, M. A.**, Ishrat, S. I. (2009). Application of the Taguchi method for optimization of parameters to maximize text message entering performance of mobile phone users. *International Journal of Quality and Reliability Management*, 26, 469-479.

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

1. Training Course on “International Publishing of Research”, FLDC, Alex. Univ. (2012)
2. Training Course on “Quality Standards in Teaching”, FLDC, Alex. Univ. (2012)
3. Training Course on “Organizing Scientific Conferences”, FLDC, Alex. Univ. (2012)
4. Training Course on “Preparing Research Projects”, FLDC, Alex. Univ. (2011)
5. Training Course on “The Credit Hour System”, FLDC, Alex. Univ. (2011)
6. Training Course on “Legal & Financial Aspects in University Environment”, FLDC, Alex. Univ.
7. Training Course on “Environmental Noise Management Software LIMA-Plus C”, Brüel & Kjær
8. Workshop for “New Trends in Teaching”, FLDC, Alex. Univ. (2007)
9. Workshop for “Teaching with Technology”, FLDC, Alex. Univ. (2007)
10. Workshop for “Effective Presentation Skills”, FLDC, Alex. Univ. (2007)
11. Workshop for “Code of Ethics”, FLDC, Alex. Univ. (2007)