

**Dr. Hisham M Alidrisi**

*Associate Professor, Department of Industrial Engineering, King Abdulaziz University*

**Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Industrial Engineering  (Operations Research/ Eng. Manag. /Quality Manag)  Thesis Title: Resource Allocation for Strategic Quality Management: A Goal Programming Approach	Griffith University, School of Engineering, Gold Coast, Australia	2010
M.Sc.	Master of Engineering Management	Queensland University of Technology (QUT), Brisbane, Australia	2006
B.S.	Bachelor of Science in Industrial Engineering	King Abdulaziz University (KAU), Jeddah, Saudi Arabia	2000

**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>
2015	Present	King Abdulaziz University (KAU), Jeddah, Saudi Arabia	Associate Professor	Faculty Member – Dept. of Industrial Engineering	F.T
2013	2017	King Abdulaziz University (KAU), Jeddah, Saudi Arabia	Assistant Professor (2013-2015)  Associate Professor (2015-2017)	Head of the Department of Industrial Engineering (Chairman)	F.T
2010	2015	King Abdulaziz University (KAU), Jeddah, Saudi Arabia	Assistant Professor	Faculty Member – Dept. of Industrial Engineering	F.T
2006	2010	Griffith University, Gold Coast, Australia	Researcher	Researcher (PhD Student) Centre for Infrastructure Engineering and Management, Griffith University, Australia	F.T
2003	2004	King Abdulaziz University (KAU) Australia (Sponsored by KAU)	Teaching Assistant	Faculty Member – Dept. of Industrial Engineering	F.T

<b>Non Academic Industrial Experience</b> (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>
2001	2003	SAVOLA Group: Demand and Logistic (Edible Oils Sector) Decision Support (Sugar Sector), Jeddah, Saudi Arabia	Assistant Manager	Assistant Manager	F.T
<b>Certifications and Professional Registrations</b>					
<b>Current Membership in Professional Societies and Organizations</b>					
	<i>Society/organization</i>		<i>Rank</i>	<i>Member Since</i>	
1.	Institute of Industrial and Systems Engineers (IISE)		Member	2014	
	Society for Engineering & Management Systems (SEMS) – USA		Member	2014	
	International Society on Multiple Criteria Decision Making (MCDM)		Member	2017	
	Saudi Society for Systems and Industrial Engineering (SSSIE)		Founder Member	2003	
	Saudi Council of Engineers (SCE)		Consultant	2017	
<b>Institutional and Professional Services</b> (administration, committees, units, etc.)					
1.	<p><b>Member of the Standing Committee for Employment</b> King Abdulaziz University (KAU), Jeddah, Saudi Arabia</p> <p><b>February 2019 – Present</b></p>				
2.	<p><b>Assistant Vice President (AVP) for Projects</b> (Operations &amp; Maintenance Affairs) King Abdulaziz University (KAU), Jeddah, Saudi Arabia</p> <p><b>Oct 2017 –Oct 2018.</b></p>				
3.	<p>Reviewing research papers occasionally for the:</p> <ul style="list-style-type: none"> <li>• International Journal of Quality and Reliability Management (Publisher: Emerald)</li> <li>• Management Decision - ISI* (Publisher: Emerald)</li> <li>• International Journal of Industrial and Systems Engineering (Publisher: Inderscience)</li> <li>• International Journal of Continuing Engineering Education and Life-Long Learning. (Publisher: Inderscience)</li> <li>• Energy Sources, Part B: Economics, Planning, and Policy - ISI* (Publisher: Taylor &amp; Francis)</li> <li>• Energy Transitions (Publisher: Springer International Publishing)</li> </ul>				
4.	<p><b><u>International Scientific Committee</u></b> –</p> <p>Participation in reviewing <i>scientific research papers</i> for <u>The IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)</u> – from 2004 till 2018 as follows:</p> <ul style="list-style-type: none"> <li>• 9-12 December, 2014, Selangor, Malaysia.</li> <li>• 6-9 December, 2015, Singapore.</li> <li>• 5-7 December, 2016, Bali, Indonesia.</li> <li>• 10-13 December, 2017, Singapore.</li> <li>• 16-19 December, 2018, Bangkok, Thailand.</li> </ul>				

### Principal Publications/Presentations from the Past Five Years

1.	<b>Alidrisi, H.</b> , Aydin, M.E., Bafail, A.O., Abdulal, R. and Karuvatt, S.A., <b>2019</b> . Monitoring the performance of petrochemical organizations in Saudi Arabia using data envelopment analysis. <i>Mathematics</i> , 7(6), p.519.[ISI]
2.	Alidrisi, H. and Al-Sasi, B.O., <b>2017</b> . Utilization of energy sources by G20 countries: A TOPSIS-BASED approach. <i>Energy Sources, Part B: Economics, Planning, and Policy</i> , 12(11), pp.964-970.[ISI]
3.	<b>Alidrisi, H.</b> and Al-Toaimi, F., <b>2017</b> . Investigating Technical Barriers to Green Supply Chain Management Using the Interpretive Structural Modelling Technique. <i>Journal of International Environmental Application and Science</i> , 12(2), pp.168-172.[ISI]
4.	Kaya, D., Ozturk, H.H., Taylan, O., Kılıc, F.C. and <b>Alidrisi, H.</b> , <b>2017</b> . An evaluation of energy and exergy efficiencies for a biogas cogeneration plant. <i>International Journal of Ecosystems and Ecology Science (IJEES)</i> , 7(1), pp.27-34.[ISI]
5.	<b>Alidrisi, H.</b> and Demirbas, A., <b>2016</b> . Enhanced electricity generation using biomass materials. <i>Energy Sources, Part A: Recovery, Utilization, and Environmental Effects</i> , 38(10), pp.1419-1427.[ISI]
6.	Demirbas, A., <b>Alidrisi, H.</b> , Ahmad, W. and Sheikh, M.H., <b>2016</b> . Potential of geothermal energy in the Kingdom of Saudi Arabia. <i>Energy Sources, Part A: Recovery, Utilization, and Environmental Effects</i> , 38(15), pp.2238-2243.[ISI]
7.	KAYA, D. and Alidrisi, H., <b>2016</b> . Energy savings potential in air conditioners and chiller systems. <i>Turkish Journal of Electrical Engineering &amp; Computer Sciences</i> , 24(3), pp.935-945.[ISI]
8.	Demirbas, A. and <b>Alidrisi, H.</b> , <b>2016</b> . Optimization of Saudi Petroleum consumption along with reasonable prices. <i>Energy Sources, Part B: Economics, Planning, and Policy</i> , 11(12), pp.1158-1165.[ISI]
9.	<b>Alidrisi, H.</b> , <b>2015</b> . Development of a Study Plan for Industrial Engineering Program Using Interpretive Structural Modeling Technique. <i>International Journal of Engineering Education</i> , 31(5), pp.1410-1418. [ISI]
10.	Demirbas, A., <b>Alidrisi, H.</b> and Balubaid, M.A., <b>2015</b> . API gravity, sulfur content, and desulfurization of crude oil. <i>Petroleum Science and Technology</i> , 33(1), pp.93-101.[ISI]

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

1.	Several Workshops (National Level and Institutional Level) focusing on Strategic Planning, Spending Efficiency, and Project Management (2017 – 2019)
2.	Several on-line Lectures covering many topics in Operations Research, Multi Criteria Decision Making (MCDM), and Artificial Intelligence (AI). (2017 – 2019)
3.	IDEAL Scholar (Workshop), September 2013- (Workshop Certificate), Institute for the Development of Excellence in Assessment Leadership – Offered by the ABET.