

DR. ADNAN I. KHDAIR

Associate Professor, Department of Mechanical Engineering, King Abdulaziz University

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Mechanical Engineering	The Ohio State University, CO, USA	1996
MS	Mechanical Engineering	The Ohio State University, CO, USA	1993
BS	Mechanical Engineering	Yarmouk University, Jordan	1986

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i> (Chair, Full or Coordinator, etc.)	<i>Part Time</i>
1996	2002	Jordan University of Science & Technology.	& Assist Prof.		Full Time
2002	2005	Jordan University of Science & Technology.	& Assoc. Prof.		Full Time
2005	2008	Philadelphia University.	Assoc. Prof.		Full Time
2008	2011	Jordan University of Science & Technology.	& Assoc. Prof.		Full Time
2011	Date	King AbdulAziz University	Assoc. Prof.		Full Time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description</i> (Brief)	<i>Full or Part Time</i>
1988	1991	Jorn Phospate Mine Company	Corporal	Maintenance Engineer	Full Time
1995	1996	LUK industrial	R&D Engineer	Design Engineer /automatic transmission and brakes	Full Time
2005	2008	United Nation Development Program - UNDP	Regional Project Manager	Environmental, cleaner production and Waste management manager and expert	Full Time

Funded Research Projects and Patents from the Past Five Years

1. Research Initiative Funded Project, King AbdulAziz University, Estimation of Pollution Loads form OliveMills Wastewater, 2012, running

Certifications and Professional Registrations

1. Registered Professional Engineer in Jordan
2. ASHRE-member

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
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| 1. Jordanian Professional Engineers Association | Member | 1986 |
| 2. Alpha Epsilon - The Honour Society of Bio-system Engineers (U.S.A) | Member | 1993 |
| | Vice president | 1993-96 |
| 3. Jordanian Society for the Control of Environmental Pollution | Member | 1996 |
| 4. Jordanian Association for the Conservation of Water and Environment - JACA | Vice President | 2005-Present |
| 5. Jordan National Building Codes Directorate (JNBC) | Member | 2008-Present |
| <i>Technical Committee Member</i> at the Ministry of Public works and Housing | | |

Honors and Awards

1. Research Assistant, The Ohio State University, Columbus, Ohio, 1991-1996.
2. Alpha Epsilon - The Honor Society of Bio-system Engineers (U.S.A) (1993-1996)
3. President of the Graduate Students Council at the Ohio State University, 1993-1996
4. 2008 Philadelphia University Distinguished Faculty Award
5. Vice – President of the Jordanian Association for the Conservation of Water and Environment 2008-Present
6. Member of the Jordan National Building Codes Directorate (JNBC) 2008-Present.

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

1. Regional Project Manager of the project “Integrated Waste Management for the Olive Oil Industry in Jordan, Syria and Lebanon – 2005-2008 – UNDP.
2. Academic advisor for more than 500 students, over 16 years, Mechanical Engineering Department, JUST, 1996-2011.
3. Vice – President of the Jordanian Association for the Conservation of Water and Environment 2008 Present
4. Member of the Jordan National Building Codes Directorate (JNBC) 2008-Present.
5. Member several Faculty of Engineering Committees (Curriculum, ABET), KAU, - present.

Principal Publications/Presentations from the Past Five Years

1. Khdair. I. A.; Aburumman G; Al-sahrif M. 2012. The evaluation of pollution loads from olive oil mills. American Journal of Environmental Sciences. Accepted for publication.
2. Khdair. I. A.; Aburumman G; Al-sahrif M. 2012. Effects of olive oil mills effluents on soil thermal conductivity. American Journal of Environmental Sciences. Accepted for publication.

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

1. National Road-Map for harmonized legal and regulatory framework for Renewable Energy and Energy Efficiency and on Project Financing. Amman, December 12, 2011.
2. The First International Conference on Environmental Management and Technologies – ICEMT 2010. Amman, November 1-3, 2010. ICEMT 2010 International Scientific Committee member.