

*Curriculum Vitae*  
*Prof. Meshari Al-Harbi*



**I. General Information and Academic Qualifications**

**1 Personal Data**

- A. Nationality:** Kuwaiti
- B. Marital Status:** Married
- C. Present Academic Ranking:** Professor
- D. Permanent Address:** Department of Environmental Science, College of Life Sciences, Kuwait University, The State of Kuwait., P.O. Box 5969 Safat 13060, Kuwait.
- E. Telephone: Office:** +965 24633237, **Mobile:** +965 90995050
- F. Email Address:** dr.meshari@ku.edu.kw

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**2 Education**

- A. B.Sc.:** Chemical Engineering, Kuwait University, Kuwait. 2004
- B. M.A.Sc.:** Environmental Engineering and Pollution Control, University of Waterloo, Ontario, Canada, 2008.
- C. PhD:** Environmental Engineering and Pollution Control, University of Waterloo, Ontario, Canada, 2010.

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**3 Languages**

- A. Arabic:** Speaking, Reading, Listening and Writing-**Mother Tongue**
- B. English:** Speaking, Reading, Listening and Writing-**Fluent**

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**4. Research Interest**

- Air Pollution (monitoring, modelling and reduction)
- Pollution Prevention.
- Pollutants Dispersion Modeling.
- Chemical Reaction Modeling.
- Environmental catalysis.
- Water resources management
- Health Risk Assessment

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**5 Computer Skills**

- **Statistics:** SPSS, Statistica, Sigma Plot, and R-Project

- **Engineering Modeling:** MATLAB, POLYMATH, and Multiphysics COMSOL.
- **Chemical Reaction and Equilibrium Thermodynamics:** HSC CHEMISTRY and ASPEN PLUS
- **Engineering Design:** Hysis
- **Environmental modeling:** Stella, Indoor Air Quality and Inhalation Exposure (IAQX), AERMODE,
- **Energy Consumption Management:** e-Quest.
- **Water Resources Management:** WEAP
- **Programming languages:** FORTRAN.
- **Emission Source Apportionment model:** EPA-PMF
- **Health Risk Assessment:** Monte Carlo simulation
- **Microsoft office:** Advanced level.

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**6 Professional Certificates**

- **Quality Management System-ISO 9001**, ICA-CB-USA,2018.
- **Environmental Management System-ISO 14001**, ICA-CB-USA,2018.
- **Occupational health and safety-ISO 45001**, ICA-CB-USA,2018.
- **Fire extinguisher, Health and safety**, UW-Waterloo-Canada, 2010.
- **Swagelock Fittings, University of Waterloo, September 2007**
- **Workplace Hazardous Materials Information System**, University of Waterloo, December 2006.
- **Essential Petroleum Refining for Process Engineers**, Japan Corporation center of petroleum (JCCP), Japan, 2006.
- **Clean fuel Technology**, Kuwait Institute for scientific Research (KISR), Kuwait, 2005.
- **Petroleum Residue Upgrading**, Kuwait Institute for scientific Research (KISR), December 2005.

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**7 Membership in Professional Societies:**

- Kuwait Society for Engineers (**KSE**). **Membership Status (MS)** :2004-Present
- Canadian Society for Chemical Engineering (**CSCChE**). **MS**:2006-Present
- Kuwait Scientific Club (**KSC**). **Membership Status**:2015-Present
- North American Hazardous Materials Management Association(**NAHMMA**). **MS**:2007-2016
- Kuwait environment protection society(**KEPS**). **MS**:2011-2015
- Society of Transportation & Automotive Engineering (**SAE**). **MS**:2006-2011
- Air and Waste Management Assoc. (**A&WMA**). **MS**:2007-2011

8	Professional Experiences and Administrative Positions	No.	Designation	Year
		1	<b>Acting President of Kuwait University</b>	2023-2024
		2	<b>Acting Vice President for Planning of Kuwait University</b>	2023-2024
		3	<b>Visiting Professor</b> , Department of Natural Resource Sciences, <b>McGill University, Quebec, Canada.</b>	2019-2020
		4	<b>Acting Dean</b> , College of Life Sciences (CLS), Kuwait University (KU).	2017-2019
		5	<b>Vice Dean for Students Affairs</b> , College of Life Sciences, Kuwait University.	2013-2019
		6	<b>Team Leader</b> , Vulnerability and Adaptation to climate change, Kuwait EPA- UNEP Program. Kuwait's 2 <sup>nd</sup> National Communications under the United Nations Framework Convention on Climate Change, UNEP.	2017-2019
		7	<b>Team member</b> for developing Unified water strategy for GCC countries, Vision 2030, Gulf Cooperation Council of Arab Member States.	2013-2016
		8	<b>Associate Professor</b> , Department of Environmental Technology Management (ETM), College of Life Sciences, Kuwait University.	2016-2023
		9	<b>Team member</b> , climate change for West Asia, United Nation for Environment Program ( <b>UNEP-GEO-6</b> ).	2016- Present
		10	<b>Acting Dean</b> , College of Life Sciences (CLS), Kuwait University (KU).	7-9/2015
		11	<b>Acting Dean</b> , College of Life Sciences (CLS),	7-9/2014
		12	<b>Group Leader</b> , Water resources: Vulnerability and Adaptation to climate change, Kuwait EPA- UNEP Program. Kuwait's Initial National Communications under the United Nations Framework Convention on Climate Change, UNEP.	2013-2015
		13	<b>Acting Dean</b> , College for Women (CFW), Kuwait University (KU).	8-9/2012

- 14 **Acting Chairman**, Department of Environmental Technology Management (ETM), College of Life Sciences, Kuwait University. 2011-2013
- 15 **Assistant Professor**, Department of Environmental Technology Management (ETM), College of Life Sciences, Kuwait University. 2010-2015
- 16 **Scholarship** sponsored by KU, Environmental Engineering and Pollution Control MSc and PhD at 2006-2010
- 17 **Research Assistant**, Kuwait Institute for Scientific Research (KISR), Petroleum and Materials Division. 2005-2006
- 18 **Scientific Assistant**, Kuwait University (KU). 2004-2005

## II. Teaching, Students Advisement and Other services:

**Note:** Dr. Al-Harbi was in Sabbatical leave during the year of 2019-2020 (Visiting Professor at McGill University, CANADA)

No.	Task	Responsibilities
1	<b>Course Review Assessment and Accreditation</b>	As a faculty member and ex-chairman of the ETM department (newest department with respect to rest of departments in CLS), Dr. Al-Harbi was involved as committee chairman or a member and performed the following tasks for all department courses: 1- Curriculum developments, 2- Designing the syllabus, 3-Courses review assessment, and 4- Department Accreditation.
2	<b>Student Supervising and Training</b>	Dr. Al-Harbi taught Capstone, Internship, and student portfolio courses during which he supervised various students research activities, final projects, and coordinated their training in K-EPA, KOC, KNPC, KPC, PAI, PAAF, PAFN, KISR, and several private companies.
3	<b>Student Advising and Counselling</b>	Dr. Al-Harbi served as vice dean for student affairs for 6 years (2013-2019) and he was the chairman of all students related committees at CLS and member at all students related committees at University level include: 1- Course Scheduling Advisory Committees, and 2- Student affairs committees <b>Main responsibilities were as follows:</b> <ul style="list-style-type: none"> <li>• Educating students about the necessary rules and regulations during their study period at CLS.</li> <li>• Organizing students' admission and transfer to the assigned programs.</li> <li>• Follow up students' progress throughout their academic years.</li> </ul>

- Support and assist students who have academic or personal concern which hinder their academic success.
- Support students suffering from educational difficulties, psychological problems, and disabled students and guide them to the suitable community services.
- Organizing newcomer and graduation ceremonies.

<b>4 Student Examinations</b>	As vice dean for student affairs at CLS during 2013-2019, Dr. Al-Harbi was in charge of coordinating and organizing students' examinations including aptitude test, midterm and final exams and dealing with any cheating incidence and investigations.
<b>5 Students Election</b>	During 2013-2019 as vice dean for student affairs at CLS, Dr. Al-Harbi was the in charge of coordinating and organizing the yearly events of election process for student association at CLS, Kuwait University.
<b>6 School visiting and lectures</b>	Dr. Al-Harbi visited numerous public schools in all Kuwaiti governorates during 2011-2019 and gave an introduction about CLS and the nature of programs and potential jobs after graduations. These schools include: <ul style="list-style-type: none"> <li>1- <b>Al Asima Governorate:</b> Algeria, Al rowda,</li> <li>2- <b>Hawalli Governorate:</b> Maria alqobtiya, Omama bent besher</li> <li>3- <b>Al Farwaniya Governorate:</b> Dora the Hashemite, Razena</li> <li>4- <b>Mubarak Alkabeer Governorate:</b> Leila algafariya, Fatma Al Hashemite</li> <li>5- <b>Al Jahra Governorate:</b> Amra bent Rawaha, Alnowar bent malek</li> <li>6- <b>Al Ahmadi Governorate:</b> Lubna bent Al-Harith, Om alheman,</li> </ul>
<b>7 Recruitment</b>	Dr. Al-Harbi participated in several meetings with government and private sectors to explain the nature of CLS programs including the diversity of environmental courses offered, preparedness of CLS graduates, and the potential benefits of recruiting our graduates.

<b>8 Teaching:</b>	<b>No.</b>	<b>Course No.</b>	<b>Course Name</b>	<b>Academic Level</b>
<b>List of Courses Taught (Total Number 15: 12 Undergraduate (UGR) and 3 Graduate (GR).</b>	<b>1</b>	101	Introduction to Environmental Sciences	UGR
	<b>2</b>	105	Chemistry	UGR
	<b>3</b>	109	Statistics	UGR
	<b>4</b>	120	Human and Environment	UGR
	<b>5</b>	122	Environment and Society	UGR
	<b>6</b>	139	Intro. to Envi. Techno. Management	UGR
	<b>7</b>	201	Environmental Chemistry and Physics	UGR
	<b>8</b>	221	Social Perspective on Envi. Issues	UGR
	<b>9</b>	322	Air Quality Control Technology	UGR
	<b>10</b>	450	Application of info Sys.in Envi. Issues	UGR

<b>11</b>	495	Internship	UGR
<b>12</b>	499	Capstone	UGR
<b>13</b>	521	Pollution Prevention	GR
<b>14</b>	592	Topics in Environmental Sciences	GR
<b>15</b>	522	Air Pollution Control	GR

<b>9 Students Evaluations:</b>	<b>No.</b>	<b>Course No.</b>	<b>Course Name</b>	<b>Academic Level</b>	<b>Semester</b>	<b>Year</b>	<b>Score</b>
<b>Summary of Lecturer's evaluation by Students-Last six years.</b>	<b>1</b>	322	Air Quality Control Tech.	UGR	Fall	2020-2021	100
	<b>2</b>	122-1	Environment and Society	UGR	Fall	2020-2021	99
	<b>3</b>	122-2	Environment and Society	UGR	Fall	2020-2021	99
<b>Undergraduate (UGR) and Graduate (GR).</b>	<b>4</b>	105	Chemistry	UGR	Fall	2020-2021	94
	<b>5</b>	592	Topics in Environmental Sciences	GR	Spring	2018-2019	88
	<b>6</b>	139-18	Introduction to ETM	UGR	Summer	2017-2018	96
	<b>7</b>	139-15	Introduction to ETM	UGR	Summer	2017-2018	94
	<b>8</b>	521	Pollution Prevention	GR	Spring	2017-2018	92
	<b>9</b>	139-18	Introduction to ETM	UGR	Summer	2016-2017	96
	<b>10</b>	139-15	Introduction to ETM	UGR	Summer	2016-2017	90
	<b>11</b>	521	Pollution Prevention	GR	Spring	2016-2017	86
	<b>12</b>	522	Air Pollution Control	GR	Fall	2016-2017	96
	<b>13</b>	139-18	Introduction to ETM	UGR	Summer	2015-2016	92
	<b>14</b>	139-15	ETM	UGR	Summer	2015-2016	94
	<b>15</b>	521	Pollution Prevention	GR	Spring	2015-2016	82
	<b>16</b>	522	Air Pollution Control	GR	Fall	2015-2016	88
	<b>17</b>	139-18	Introduction to ETM	UGR	Summer	2014-2015	94

18	139-15	Introduction to ETM	UGR	Summer	2014-2015	92
19	521	Pollution Prevention	GR	Spring	2014-2015	92

### III. Research and Scientific Publications

No.	Task	Details
1	<b>Scientific Honor and Award:</b>	<ol style="list-style-type: none"> <li>1. Best Priority Project, Incentive award (<b>\$US 14, 000</b>) 2021, The influence of household filter type on quality of drinking water, RQ02/14, Kuwait University. (PI: Dr. Adulrahman Alsulaili &amp; COI: M. Al-Harbi).</li> <li>2. The Kuwait University Incentive award (<b>\$US 3,300.0</b>) for publishing in Q1 Journals, 2021 for the paper “Characteristics and health risk assessment of heavy metal contamination from dust collected on household HVAC air filters (PI: M. Al-Harbi, Under Process).</li> <li>3. The Kuwait University Incentive award (<b>\$US 3,300.0</b>) for publishing in Q1 Journals, 2021 for the paper “Health symptoms associated with occupational exposure of gasoline station workers to BTEX compounds” (PI: M. Al-Harbi, Under Process).</li> <li>4. The Kuwait University Incentive award (<b>\$US 3,300.0</b>) for publishing in Q1 Journals, 2021 for the paper “Health risks associated with the polycyclic aromatic hydrocarbons in indoor dust collected from houses in Kuwait” (PI: M. Al-Harbi, Under Process).</li> <li>5. Best Priority Project, Incentive award (<b>\$US 3,300.0</b>), 2016, Assessment of the Levels of Particulate Matter (PM2.5) Concentrations in Several Indoor Public Venues in Kuwait, RQ02/13, Kuwait University. (PI: Dr. Sana BuHamra &amp; COI: M. Al-Harbi).</li> <li>6. The Kuwait University Incentive award (<b>\$US 3,300.0</b>) for publishing in Q1 Journals, 2014.</li> <li>7. Certificates of Recognition for excellence in research and scholarly contributions, College of Life Sciences, KU, 2013.</li> <li>8. The Kuwait University Incentive award (<b>\$US 3,300.0</b>) for publishing in Q1 Journals, 2013.</li> <li>9. Group Leader Award, Impact of Climate Change on Water Resources, Kuwait EPA, 2013.</li> </ol>

10. The Kuwait University Incentive award (**\$US 15,500.0**) for early completion of PhD, best scientific achievements, 2010.
11. The University of Waterloo Graduate award for distinctive graduate student, 2009.
12. The British Council award in Environmental Studies, 2005.
13. Academic Distinction, Kuwait University (1999, 2000, 2001, 2002, 2003).

## 2 Projects Activity

No.	Project Title/Involvement	Project Number	Funding Institute, Status
1	Statistical and Health Implications of Ambient Volatile Organic Matters (VOC) in Urban Environment. (PI)	RWxx/20XX	Kuwait University- <b>Under Review.</b> <b>Budget: \$US 13,000.</b>
2	Allocating optimum sites for air quality monitoring stations and assessment of environmental equity using GIS suitability analysis. (Co-PI, PI: Dr. Mohammed Al-Sahli)	RO01/15	Started: 2018, Kuwait University- <b>Ongoing.</b> <b>Budget: \$US 33,000.</b>
3	Kuwait's 2 <sup>nd</sup> National Communications under the United Nations Framework Convention on Climate Change. (Co-PI, PI: KU EPA)	UNFCCC-16	United Nation for Environment Program (UNEP), <b>Completed, 2019.</b> <b>Budget: \$US (~3 M)</b>
4	The Impact of Different Types of Filters On the Quality of Drinking Water in The State of Kuwait. (Co-PI, PI: Dr. Abdulrahman Alsulaili)	RE02/14	Kuwait University- <b>Completed, 2018.</b> <b>Budget: \$US 34,000.</b>
5	Development of Unified Water Sector Strategy and Implementation Plan for the Gulf Cooperation Council of Arab Member States. (Co-PI, PI; GCC-council).	UWS-2030	Gulf Cooperation Council of Arab Member States, <b>Completed, 2016.</b> <b>Budget: \$US (~10 M)</b>
6	Assessment of the Levels of Particulate Matter (PM2.5) Concentrations in Several Indoor Public Venues in Kuwait.(PI)	RQ02/13	Kuwait University- <b>Completed, 2015.</b> <b>Budget: \$US 14,000.</b>
7	The effects of trace elements in main and side stream smoke to residents of Kuwait.(PI)	RW01/13	Kuwait University- <b>Completed, 2015.</b> <b>Budget: \$US 13,600.</b>
8	Impact of pollutants dispersion emitted from traffic highway on air quality in Kuwait. (PI)	WE 01/12	Kuwait University- <b>Completed, 2014.</b> <b>Budget: \$US 14,000.</b>



9	Kuwait's Initial National Communications under the United Nations Framework Convention on Climate Change. (Co-PI, PI: KU EPA)	UNFCCC-13	United Nation for Environment Program (UNEP), <b>Completed,2014.</b> <b>Budget:\$US (~2.5M)</b>
10	Characterizing the effect of wind action and trace elements in fugitive dust to Kuwait residents. (PI)	RW05/12	Kuwait University- <b>Completed, 2013.</b> <b>Budget: \$US 13,500.</b>

**3 Institutes and Journal Reviewer**

**A. Institutes:** Dr. Al-Harbi serves as a reviewer in promotion committees to faculty members at International Universities (Gulf University (Bahrain), Cairo University(Egypt)) and at Kuwait University. Additionally, Dr. Al-Harbi was selected as internal examiner (Kuwait University) and external examiner (Gulf University (Bahrain), Cairo University(Egypt)) for several M.Sc. and Ph.D. students. Furthermore, Dr. Al-Harbi reviewed various international reports for United Nation for Environment Program (UNEP-GEO-6) and Cooperation Council for the Arab States of the Gulf.

**B. Journals:** Dr. Al-Harbi reviewed numerous manuscripts to the following Journals:

No.	Journal name	No. of Manuscripts
1	Science of the Total Environment Sciences.	5
2	Water Resources Management	6
3	Applied Catalysis B: Environmental	3
4	Catalysis Today	2
5	Civil Engineering and Construction Technology	4
6	Stochastic Environmental Research and Risk Assessment	4
7	Waste Management & Research	5
8	Engineering and Technological Sciences	2
9	WATER RESOURCES AND ENVIRONMENTAL ENGINEERING	3
10	Materials Science and Nanotechnology	4

<b>11</b>	Serbian Chemical Society	2
<b>12</b>	Arabian Journal of Geosciences	3

#### **4 External University Collaboration**

Dr. Al-Harbi involved in various local and international environmental projects and associations funded by UNDP, UNEP, UNEP-GEO-6, Gulf Cooperation Council (GCC), Kuwait EPA, University of Arabian Gulf (Bahrain), Cairo University (Egypt), and University of McGill (Canada), and thus various technical reports and Publications were developed, participated-in, and/or reviewed include:

- 1.** Global Environment Outlook newsletter (GEO Matters), United Nations Environment Programme (UNEP, GEO-6). Feb.2021.
- 2.** Urban Water Sector Vulnerability and Adaptation to Climate Change in the State of Kuwait, United nation program for Environment (UNEP), Jan 2019.
- 3.** State of the Environment and Policy Response in West Asia, Division of Early Warning and Assessment (DEWA) – West Asia, United Nations Environment Programme (UNEP). May, 2016.
- 4.** Special report on Tariff Report for Water & Wastewater Services- National Water Strategy Targets for GCC States, The Gulf Cooperation Council of Arab Member States. Sep 2015.
- 5.** Action Plan & Recommendation Report for Development of Unified Water Sector Strategy and Implementation Plan for The Gulf Cooperation Council of Arab Member States. July 2015.
- 6.** SWOT Analysis for the Alignment of NWS with UWS - June 2015.

7. Assessment Report (Kuwait) for Development of Unified Water Sector Strategy and Implementation Plan for The Gulf Cooperation Council of Arab Member States. June 2014.
8. Data Collection Report for Development of Unified Water Sector Strategy and Implementation Plan for The Gulf Cooperation Council of Arab Member States. May 2014.
9. Urban Water Sector Vulnerability and Adaptation to Climate Change in the State of Kuwait, United nation program for Environment (UNEP), 2012.
10. Also, see the list of Publication.

## 5. Supervision of graduate students

No.	Thesis Tittle	Graduate Level	University name	Student Name	Status/ Involvement
1	Management of Water, Energy, and Food in Kuwait: A Comparative Study between California (USA), and Ningxia (China).	PhD	Cairo University, Egypt	Hamed Abbas	2018-2021 Completed Co- advisor
2	Assessment of Volatile Organic Compounds on the fuel dispensing facility.	M.Sc.	Kuwait University	AlAnoud Al-Awadi	Completed,2017 Main Supervisor
3	Integrated Assessment of Air Quality in the Governorate of Al-Ahmadi State of Kuwait.	M.Sc.	Gulf University, Bahrain	Sultan Al-Suwait	Completed,2016 Co- advisor
4	CO2 emission and avoidance in electrical applications	M.Sc.	Kuwait University	Fatma Ghadhanfer	Completed,2016 Main Supervisor
5	Trace metals and protein contents in infant food commercially available in Kuwait	M.Sc.	Kuwait University	Maryam Bouhamdi	Completed,2015 Main Supervisor
6	Polycyclic aromatics hydrocarbons in dust from selected indoors in Kuwait	M.Sc.	Kuwait University	Eman Sarhan	Completed,2014 Main Supervisor
7	Polybrominated Diphenyl Ethers in Houses and Vehicle dust in Kuwait	M.Sc.	Kuwait University	Hessa Almutairi	Completed,2014 Main Supervisor

## 6. Scientific Publications (All JCR)

No.	Paper info.	Publisher	Category name	Impact Factor	Quartile in Category
1	Mohammad M. Alsahli, <b>Meshari Al-Harbi</b> . Environmental justice in Kuwait metropolitan area: a spatial analysis of land-use impact on environmental quality variability. Local Environment. Published, Sept, 8th,2022. <a href="https://doi.org/10.1080/13549839.2022.2119378">https://doi.org/10.1080/13549839.2022.2119378</a>	Taylor & Francis	Environmental Sciences	3.590	Q1
2	<b>Meshari Al-Harbi</b> , Eman Al-Enzi, Hessa Al-Mutairi, Joann K. Whalen. Human health risks from brominated flame retardants and polycyclic aromatic hydrocarbons in indoor dust. <b>Chemosphere</b> . 282(2021)131005,1-11.	Springer	Environmental Sciences	5.778	Q1
3	<b>Meshari Al-Harbi</b> , Ibrahim Alhajri, Joann K. Whalen. Characteristics and health risk assessment of heavy metal contamination from dust collected on household HVAC air filters. <b>Chemosphere</b> . 277(2021)130276,1-9.	Elsevier	Environmental Sciences	5.778	Q1
4	Abdirashid Elmi, <b>Meshari Al-Harbi</b> , Mohamed F. Yassin, Mosaab M. Al-Awadhi. Modeling gaseous emissions and dispersion of two major greenhouse gases from landfill sites in arid hot environment. <b>Environmental Science and Pollution Research</b> . 28(12) (2021) 1543, 1-13.	Springer	Environmental Sciences	3.306	Q2
5	<b>Meshari Al-Harbi</b> , Ibrahim Alhajri, AlAnood AlAwadhi, Joann K. Whalen. Health symptoms associated with occupational exposure of gasoline station workers to BTEX compounds. <b>Atmospheric Environment</b> 241 (2020) 117847,1-8.	Elsevier	Meteorology & Atmospheric Sciences	4.633	Q1
6	<b>Meshari Al-Harbi</b> , Ibrahim Alhajri, Joann K. Whalen. Health risks associated with the polycyclic aromatic hydrocarbons in indoor dust collected from houses in Kuwait. <b>Environmental Pollution</b> . 266(2020)1-10.	Elsevier	Environmental Sciences	6.939	Q1
7	Abdallahman Alsulailia, <b>Meshari Al-Harbi</b> , Khalad Elsayed. The influence of household filter types on quality of drinking water. Process Safety	Elsevier	Engineering, Environmental	4.966	Q1

and **Environmental Protection**. 143 (2020) 204–211

- 8 **Meshari Al-Harbi**, Abdulrahman Al-majed, Asma Abahussain. Spatiotemporal variations and source apportionment of NO<sub>x</sub>, SO<sub>2</sub>, and O<sub>3</sub> emissions around heavily industrial locality. **Environmental Engineering Research**. 25(2) (2020) 147-162. Korean Soc Environmental Engineers
- 9 **Meshari Al-Harbi**, Bin Shams, M., Alhajri, Ibrahim Connectionist modelling for anthropogenic greenhouse gases (GHG) emissions in urban environments. **Applied Ecology and Environmental Research**. 18(2)(2020)2087-2107 Corvinus Univ Budapest
- 10 **Meshari Al-Harbi**, and BuHamra. The level of particulate matter (pm<sub>2.5</sub>) in several indoor public venues. **Environmental Progress & Sustainable Energy**.38(4)(2019) 1-13. WILEY
- 11 **Meshari Al-Harbi**, Characteristic of atmospheric BTEX concentrations and their health implications in urban environment. **Applied Ecology and Environmental Research**. 17(1)(2019)33-51 Corvinus Univ Budapest
- 12 **Meshari Al-Harbi**, Impact of tobacco smoke on the elemental composition of indoor different particles sizes. **International Journal of Environmental Science and Technology**. 16(2019) 2861–2875. Springer
- 13 Mohammad M. Alsahli, **Meshari Al-Harbi**. Allocating optimum sites for air quality monitoring stations using GIS suitability analysis. **Urban Climate**. 24 (2018) 875–886. Elsevier
- 14 BuHamra S., Al-Kandari, N., **Meshari Al-Harbi**. Parametric and nonparametric bootstrap: an analysis of indoor air data from Kuwait. **Kuwait Journal of Science**, 45(2) (2018), 89-99. Kuwait University

15	Waleed Al-Zubari, Abdulaziz Al-Turbak, Walid Zahid, Khalid Al-Ruwis, Ali Al-Tkhais, Ibrahim Al-Muataz, Ahmed Abdelwahab, Ahmed Murad, <b>Meshari Al-Harbi</b> , Zaher Al-Sulaymani. An overview of the GCC Unified Water Strategy (2016–2035). <b>Desalination and Water Treatment</b> , 81(1-18), 2017.	Desalination Publ, Hopkinton, USA	Water Resources	1.324	Q4
16	<b>Meshari Al-Harbi</b> , Alfred Kojo Anderson, Abdirashid. Elmi. Evaluation of Microbial Contamination in Frequently Used Formite in Kuwait, <b>Biodiversity International Journal</b> , 1(3), 2017.	MedCrave	Multidisciplinary Sciences	0.97	Q4
17	Maryam Ali Bu-Hamdi, <b>Meshari Al-Harbi</b> , Alfred Kojo Anderson. Nutritionally essential trace minerals content and physiochemical properties of infant milk food commercially available in Kuwait. <b>Research Journal Of Pharmaceutical, Biological, and Chemical Sciences</b> , 7(4), 2016, 2977-2989.	Rjpbcs Research Journal Proddatur, 00000, India	Multidisciplinary Sciences	0.35	Q4
18	Mohamed F. Hamoda, <b>Meshari AL-Harbi</b> , Hasan AL-Ajmi. Efficiency and Reliability of Membrane Processes in a Water Reclamation Plant. <i>Journal of Water Reuse and Desalination</i> , 5.2(2015)166-176.	Iwa Publishing, Alliance England	WATER RESOURCES	2.0	Q3
19	Abdallahman Alsulaili, <b>Meshari AL-Harbi</b> , Khawlah Al-Tawari. Physical and chemical characteristics of drinking water quality in Kuwait: tap vs. bottled water. <b>Journal of engineering research</b> , 3(1) (2015)25-50.	Kuwait University	Multidisciplinary Sciences	0.543	Q4
20	<b>Meshari AL-Harbi</b> . Characteristics and composition of the falling dust in Urban Environment. <b>International Journal of Environmental Science and Technology</b> , 12(2015)641-652	Springer	Environmental Sciences	2.852	Q2
21	<b>Meshari AL-Harbi</b> , F. M. Alruwaih, and A. Alsulaili. Statistical and Analytical Evaluation of Groundwater Quality in Al-Rawdhatain Field. <b>Environmental Progress and Sustainable Energy</b> .33 (2014)895-904.	WILEY	Environmental Sciences	1.989	Q3
22	Yassin M.F., <b>Meshari AL-Harbi</b> , Kassem M. Computational Fluid Dynamics Simulations on the effect of Rough Surface on Atmospheric	Taylor & Francis Ltd, England	Environmental Sciences	1.077	Q4

	Turbulence Flow Above Hilly Terrain Shapes, <b>Environmental Forensics</b> , 15(2014)159–174				
23	<b>Meshari AL-Harbi</b> . Assessment of air quality in two different urban localities. <b>International Journal of Environmental Research</b> . 8(2014)15-26.	Springer	Environmental Sciences	2.007	Q3
24	Yassin M.F., <b>Meshari AL-Harbi</b> . Numerical Simulation on Wind Flow over Step-shaped Cliff Topography with Rough Surface. <b>International Journal of Environmental Research</b> . 7(2013)173-186.	Springer	Environmental Sciences	2.007	Q3
25	<b>Meshari AL-Harbi</b> , Ahmad Alshaiban, Mohamed F. Yassin, and Abdirashid. Elmi. Kinetic analysis and modeling of thermal degradation of perspex and perspex blend plastic waste. <b>The Canadian Journal of Chemical Engineering</b> , 91(2013)1281-1288.	WILEY	Engineering, Chemical	1.687	Q3
26	<b>Meshari AL-Harbi</b> , Mohamed F. Yassin, Mohamed Bin Shams, Stochastic Modeling of the Impact of Meteorological Conditions on Road Traffic Accidents, <b>Stochastic Environmental Research and Risk Assessment</b> , 26 (2012) 739–750.	Springer	Statistics & Probability	2.721	Q1
27	Jinyong Luo, <b>Meshari AL-Harbi</b> , Marcus Pang, and William S. Epling. Spatially Resolving LNT Desulfation: Re-Adsorption induced by oxygen storage materials, <b>Applied Catalysis B: Environmental</b> 106(2011)664-671.	Elsevier	Engineering, Environmental	16.683	Q1
28	<b>Meshari AL-Harbi</b> , R. Hayes, M. Votsmeier and W. S. Epling. Competitive NO, CO and hydrocarbon oxidation reactions over a diesel oxidation catalyst, <b>The Canadian Journal Of Chemical Engineering</b> , 90 (2011) 1527-1538	WILEY	Engineering, Chemical	1.687	Q3
29	<b>Meshari AL-Harbi</b> , J-Y Luo, R. Hayes, M. Votsmeier and W. S. Epling. Hydrogen Generation and Coke Formation over a Diesel Oxidation Catalyst under Fuel Rich Conditions, <b>Journal of Physical Chemistry C</b> , 115 (2011) 1156–1162.	Amer Chemical Soc., Washingt on, Usa	Chemistry, Physical	4.404	Q2
30	J. S Mandur, <b>Meshari AL-Harbi</b> , W.S Epling, and H. M. Budman. Modeling the transient cyclic operation of a commercial NSR catalyst.	Elsevier	Engineering, Chemical	10.652	Q1

	Chemical Engineering Journal 166 (2011) 607–615.				
31	<b>Meshari AL-Harbi</b> , D.Radtke, and W.S. Epling. Regeneration of a model NOX storage/reduction catalyst using hydrocarbons as the reductant, <b>Applied Catalysis B: Environmental</b> 96(2010)524.	Elsevier	Engineering, Environmental	16.683	Q1
32	<b>Meshari AL-Harbi</b> and W. S. Epling. Effects of different regeneration timing protocols on the performance of a model NOX storage/reduction catalyst, <b>Catalysis Today</b> 151(2010)347.	Elsevier	Chemistry, Physical	5.825	Q1
33	<b>Meshari AL-Harbi</b> , W. S. Epling, A. Yezerets, N. W. Currier, H.Y. Chen and H.Hess. The Effects of thermal degradation on the performance of a NOX storage/reduction Catalyst, <b>SAE Journal</b> , 2009, doi:10.4271/2009-01-0631.	SAE International	Engineering, Environmental	0.54	Q3
34	<b>Meshari AL-Harbi</b> and W. S. Epling. The effects of regeneration-phase CO and/or H-2 amount on the performance of a NOx storage/reduction catalyst, <b>Applied Catalysis B: Environmental</b> 89(2009)315.	Elsevier	Engineering, Environmental	16.683	Q1
35	<b>Meshari AL-Harbi</b> and W. S. Epling, Investigating the Effect of NO Versus NO2 on the Performance of a Model NOX Storage/Reduction Catalyst, <b>Catalysis Letters</b> . 130(2009)121.	Elsevier	Chemistry, Physical	2.555	Q3

#### Submitted Papers and Under Review

1	<b>Meshari Al-Harbi</b> . Environmental effectiveness analysis of energy policies: A case study ambient air pollution industrial areas. <b>Atmospheric Environment</b>	Elsevier	Meteorology & Atmospheric Sciences	4.633	Q1
2	<b>Meshari Al-Harbi</b> . Characteristic of ambient PM10 concentration and a risk assessment of bound trace metals in Kuwait. <b>Enviro</b>	Elsevier	Environmental Sciences	6.939	Q1

#### Papers in Preparation

1	<b>Meshari AL-Harbi</b> . Pollution Characteristics of PM10 during dust storm, pre and post dust storm periods in Kuwait.	-	-	-	-
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2	<b>Meshari AL-Harbi.</b> Characteristics of Vertical Profile and Compositions of PM10 in Residential Areas and Potential Health Impacts of PM10.	-	-	-	-
3	<b>Meshari AL-Harbi.</b> Modeling of dispersion of Highway PM10.	-	-	-	-
4	<b>Meshari AL-Harbi.</b> Modeling and Measuring the Level of Indoor and Outdoor Formaldehyde Emissions.	-	-	-	-

## 7 Presentations in Conferences

1. **M. Al-Harbi**, Modeling of NO<sub>2</sub> and SO<sub>2</sub> emitted from elevated point source complex, **ASTEM-44th International Conference on Recent Advances in Engineering and Technology (ICRAET), Milan, Italy, August, 2018.**
2. **M. Al-Harbi**, Environmental pollution of PM<sub>10</sub> in urban city in, International Conference on Agriculture, Biology and Environmental science (ICABES 14), **Bali, Indonesia, Dec. 2014.**
3. S. BuHamra, **M. Al-Harbi**, and N Al-Kandari, The Level of Particulate Matter (PM<sub>2.5</sub>) in Different Indoor Venues in Kuwait, The 25<sup>th</sup> Annual International Conference on Statistical Modeling in Human and Social Sciences, Cairo, **Egypt, Mar. 2013.**
4. **M. Al-Harbi**, Assessment of air quality in two different urban localities, Global Conference on Agriculture Economics and Environment Research, Kuala Lumpur, **Malaysia, Sept. 2013.**
5. **M. Al-Harbi**, A. Elmi, M. Al-Awadhi, Yassin, M.F, Assessment of Gaseous Dispersion from Landfill over Residential Area, Hong Kong International Conference on Engineering and Applied Science, **Hong Kong, Dec. 2013.**
6. Jinyong Luo, **Meshari AL-Harbi**, Marcus Pang, and William S. Epling. Spatially Resolving Desulfation in a Commercial LNT - OSC Induced Re-Adsorption by Ceria-Based Components. North American Catalysis Society, **22<sup>nd</sup> North American Meeting, Detroit, USA, June 2011.**
7. **M. Al-Harbi** and W.S. Epling, The oxidation of NO, CO, and Hydrocarbons individually and in Mixtures with NO<sub>2</sub> over a Diesel Oxidation Catalyst, **60th Canadian Chemical Engineering Conference, Saskatoon, Saskatchewan, Canada, October 2010.**
8. **M. Al-Harbi** and W.S. Epling, Evaluating the performance of NO<sub>x</sub> trap catalyst as a function of NO<sub>x</sub> source, presented at **8th World Congress of Chemical Engineering, Montréal, Quebec, Canada, August 2009.**
9. W. S. Epling and **M. Al-Harbi**, The Effects of Thermal Degradation on the Performance of a NO<sub>x</sub> Storage/Reduction Catalyst, Presented at **SAE World Congress, Detroit, Michigan, USA, April 2009.**
10. W. S. Epling, and **M. Al-Harbi** Effects of Thermal Degradation on Key NO<sub>x</sub> Storage/reduction Catalyst Reactions, presented at **AICHE Annual Meeting in Salt Lake City, Utah, USA, November 2007.**
11. **M. Al-Harbi** and W. S. Epling, Effects of Thermal Degradation on NO<sub>x</sub> Storage/Reduction Catalyst Performance, presented at the **57th Canadian Chemical Engineering Conference, Edmonton, Alberta, Canada, and October 2007.**

#### IV. University, Community and International Services

(Note: Dr. Al-Harbi was in Sabbatical leave during the year of 2019-2020-Visiting Professor at McGill University, CANADA)

No.	Task	Responsibilities			
1	Committees at University Level	<b>No.</b>	<b>Committee Name</b>	<b>Designation</b>	<b>Year</b>
		1	Kuwait Governmental Universities council	Member	2023/2024
		2	Kuwait Knowledge Chair	Member	2023/2024
		3	Kuwait University Council	Chairman	2023/2024
		4	Kuwait University Ranking	Chairman	2023/2024
		5	Kuwait University Planning Community	Chairman	2023/2024
		6	Major Project Committee-Kuwait University	Chairman	2023/2024
		7	University Council	Member	2018/2019
		8	Higher Committee for academic Aptitude Tests	Member	2018/2019
		9	Central Schedule Committee	Member	2018/2019
		10	Students affairs committee	Member	2018/2019
		11	Students Scholarship committee	Member	2018/2019
		12	University Council	Member	2017/2018
		13	Higher Committee for academic Aptitude Tests	Member	2017/2018
		14	Central Schedule Committee	Member	2017/2018
		15	Students affairs committee	Member	2017/2018
		16	Master program in Environmental Sciences (Joint	Member	2017/2018
		17	Students Scholarship committee	Member	2018/2019
		18	Higher Committee for academic Aptitude Tests	Member	2016/2017
		19	Central Schedule Committee	Member	2016/2017
		20	Students affairs committee	Member	2016/2017
		21	Master program in Environmental Sciences (Joint	Member	2016/2017
		21	Students affairs committee	Member	2015/2016
		22	Central Schedule Committee	Member	2015/2016
		23	Master program in Environmental Sciences (Joint	Member	2015/2016
		24	Higher Committee for academic Aptitude Tests	Member	2015/2016
		25	Students affairs committee	Member	2014/2015
		26	Central Schedule Committee	Member	2014/2015
		27	Master program in Environmental Sciences (Joint	Member	2014/2015
		28	Higher Committee for academic Aptitude Tests	Member	2014/2015
29	Central Schedule Committee	Member	2013/2014		
30	Higher Committee for academic Aptitude Tests	Member	2013/2014		

<b>31</b>	Master program in Environmental Sciences (Joint	Member	2013/2014
<b>32</b>	Students affairs committee	Member	2013/2014
<b>33</b>	Master program in Environmental Sciences (Joint	Member	2012/2013

**2 Committees at College Level**

<b>No.</b>	<b>Committee Name</b>	<b>Designation</b>	<b>Year</b>
<b>1</b>	College council committee	Chairman	2018/2019
<b>2</b>	Scientific affairs committee	Chairman	2018/2019
<b>3</b>	Graduate Programs	Chairman	2018/2019
<b>4</b>	Students Scholarship committee	Chairman	2018/2019
<b>5</b>	Students affairs committee	Chairman	2018/2019
<b>6</b>	Course Scheduling Advisory Committee	Chairman	2018/2019
<b>7</b>	College plan and follow-up committee	Chairman	2018/2019
<b>8</b>	Environmental consultation and training office	Member	2018/2019
<b>9</b>	College council committee	Chairman	2017/2018
<b>10</b>	Scientific affairs committee	Chairman	2017/2018
<b>11</b>	Graduate Programs	Chairman	2017/2018
<b>12</b>	Students Scholarship committee	Chairman	2017/2018
<b>13</b>	Students affairs committee	Chairman	2017/2018
<b>14</b>	Course Scheduling Advisory Committee	Chairman	2017/2018
<b>15</b>	College plan and follow-up committee	Chairman	2017/2018
<b>16</b>	Environmental consultation and training office	Member	2017/2018
<b>17</b>	Students affairs committee	Chairman	2016/2017
<b>18</b>	Course Scheduling Advisory Committee	Chairman	2016/2017
<b>19</b>	Scientific affairs committee	Member	2016/2017
<b>20</b>	College council committee	Member	2016/2017
<b>21</b>	Environmental consultation and training office	Member	2016/2017
<b>21</b>	Master program in Environmental Sciences (Joint	Coordinator	2016/2017
<b>22</b>	College planning and follow-up committee	Member	2016/2017
<b>23</b>	Students affairs committee	Chairman	2014/2015
<b>24</b>	Course Scheduling Advisory Committee	Chairman	2014/2015
<b>25</b>	Scientific affairs committee	Member	2014/2015
<b>26</b>	College council committee	Member	2014/2015
<b>27</b>	Environmental consultation and training office	Member	2014/2015
<b>28</b>	Master program in Environmental Sciences (Joint	Coordinator	2014/2015
<b>29</b>	College planning and follow-up committee	Member	2014/2015
<b>30</b>	Scientific affairs committee	Member	2013/2014

31	Students affairs committee	Chairman	2013/2014
32	Appointment committee (vice dean for SA office)	Chairman	2013/2014
33	Employment committee	Member	2013/2014
34	Course Scheduling Advisory Committee	Chairman	2013/2014
35	Environmental consultation and training office	Member	2013/2014
36	Media committee	Chairman	2013/2014
37	College Planning committee	Member	2013/2014
38	College council committee	Member	2013/2014
39	Master program in Environmental Sciences (Joint	Coordinator	2013/2014
40	College planning and follow-up committee	Member	2013/2014
41	Media committee	Chairman	2012/2013
42	Students Scholarship committee	Member	2012/2013
43	Environmental consultation and training office	Member	2012/2013
44	College council committee	Member	2012/2013
45	Master program in Environmental Sciences (Joint	Coordinator	2012/2013
46	College planning and follow-up committee	Member	2012/2013
47	Students Scholarship committee	Member	2011/2012
48	Environmental consultation and training office	Member	2011/2012
49	College council committee	Member	2011/2012
50	College planning and follow-up committee	Member	2011/2012

**3 Committees at Department Level**

No.	Committee Name	Designation	Year
1	Appointment and contract Renewal committee	Member	2020/2021
2	Students Scholarship committee	Member	2020/2021
3	Schedule committee	Member	2020/2021
4	Library committee	Chairman	2020/2021
5	Department council	Member	2020/2021
6	Department council	Member	2018/2019
7	Library committee	Member	2017/2018
8	Evaluation and accreditation committee	Member	2017/2018
9	Department council	Member	2016/2017
10	Library committee	Member	2016/2017
11	Evaluation and accreditation committee	Member	2016/2017
12	Department council	Member	2015/2016
13	Library committee	Member	2015/2016
14	Evaluation and accreditation committee	Member	2015/2016
15	Department council	Member	2014/2015
16	Library committee	Member	2014/2015

	17	Evaluation and accreditation committee	Member	2014/2015
	18	Department council	Member	2013/2014
	19	Employment and graduates follow-up committee	Member	2013/2014
	20	Evaluation and accreditation committee	Member	2013/2014
	21	Department council	Chairman	2012/2013
	22	Employment and graduates follow-up committee	Member	2012/2013
	23	Scientific affairs committee	Member	2012/2013
	24	Evaluation and accreditation committee	Chairman	2012/2013
	25	Student Scholarship committee	Chairman	2012/2013
	26	Lab and Equipment committee	Member	2012/2013
	27	Appointment committee	Chairman	2012/2013
	28	Renewal Committee	Chairman	2012/2013
	29	Department council	Chairman	2011/2012
	30	Employment and graduates follow-up committee	Member	2011/2012
	31	Scientific affairs committee	Member	2011/2012
	32	Evaluation and accreditation committee	Chairman	2011/2012
	33	Student Scholarship committee	Chairman	2011/2012
	34	Lab and Equipment committee	Member	2011/2012
	35	Appointment committee	Chairman	2011/2012
	36	Renewal Committee	Chairman	2011/2012
	37	Department council	Chairman	2010/2011
	38	Planning and activities committee	Member	2010/2011
4	<b>Kuwait International conference on Life Sciences</b>	<ul style="list-style-type: none"> <li>▪ <b>Conference Chair</b> of The 3<sup>rd</sup> Kuwait International conference on Life Sciences, 2018.</li> <li>▪ <b>Chaired a session and Organizing Committee members</b>, The 2<sup>nd</sup> Kuwait International conference on Life Sciences, 2016.</li> <li>▪ <b>Chaired a session on Environmental science and Management</b>, The 1<sup>st</sup> Kuwait International conference on Life Sciences, 2014.</li> </ul>		
5	<b>Kuwait Municipality</b>	<ul style="list-style-type: none"> <li>▪ <b>Team member of</b> Municipal Waste Management in the state of Kuwait since 2018.</li> </ul>		
6	<b>Kuwaiti Scientific Club</b>	<ul style="list-style-type: none"> <li>▪ <b>Environmental Evaluator (Judge)</b>, Kuwait Competition for Science and Engineering, Kuwait (2015-Present).</li> </ul>		
7	<b>Kuwait Environment Public</b>	<ul style="list-style-type: none"> <li>▪ <b>2017-2019: Team Leader</b>, Vulnerability and Adaptation to climate change, Kuwait EPA- UNEP Program. Kuwait's 2<sup>nd</sup> National Communications under the United Nations Framework Convention on Climate Change, UNEP.</li> </ul>		

- Authority (KU-EPA)**
- **2013-2015: Group Leader**, Water resources: Vulnerability and Adaptation to climate change, Kuwait EPA- UNEP Program. Kuwait's Initial National Communications under the United Nations Framework Convention on Climate Change, UNEP.
- 8 Cooperation Council for the Arab States of the Gulf**
- **Team member** for developing Unified water strategy for GCC countries, Vision 2030.
- 9 United Nation for Environment Program (UNEP-GEO-6)**
- **Team member** for climate change for West Asia since 2016.
- 10 Earth Day Event**
- **Coordinator:** 2011-2017, **Venue:** CLS, Kuwait University, **Main Participants:** KUEPA, KOC, KPC, PAI, KU, KSE, KEPS, Equate, and several private companies.
- 11 Earth Hour Event**
- **Coordinator:** 2011-2017, **Venue:** CLS, Kuwait University, **Main Participants:** KUEPA, KOC, KPC, PAI, KU, KSE, KEPS, Equate, and several private companies.
- 12 Recycling Best Practices for Solid Municipal Waste**
- **Coordinator:** 2012-2015, **Venue:** The Avenues shopping Mall in Kuwait, **Main Participants:** O2 club members (ETM Students) and various associations and private companies in Kuwait.
- 13 Kuwait Health, Safety and Environment Exhibition**
- **Representative of CLS, KU:** 2016,2017, **Venue:** Radisson Blue Hotel, Kuwait, **Main Participants:** Petroleum companies (KNPC, KOC, KPC), petrochemical companies (PIC, Equate), various international and local health and safety companies.
- 14 Employment Exhibition**
- **Representative of CLS, KU:** 2013-2017, **Venue:** Radisson Blue Hotel, Kuwait, **Main Participants:** Petroleum companies (KNPC, KOC, KPC), petrochemical companies (PIC, Equate), various international and local health and safety companies.
- 15 Volunteer Day**
- **Coordinator:** 2017-2019, **Venue:** CLS, Kuwait University, **Main Participants:** Non-governmental organizations (NGOs), Petroleum companies (KNPC, KOC, KPC), petrochemical companies (PIC, Equate), KUEPA, PAI, KU, KSE, KEPS, and numerous private companies.

- 16 **Kuwait Society for Engineers.**
- **Member** (since 2004-Present): Participated in various activities include training, exhibitions and discussion panels.
- 17 **Scientific Poster day**
- **CLS College Coordinator:** Scientific poster day organized research sector at KU. **Venue:** College of Life Sciences, KU. **Main Participants:** Researchers at KU, PAAT, KISR and Ministries and public authorities' representatives (MEW, MPW, PAAF, PAI, KU-EPA, PAAT, KU, KISR),2018.
- 18 **Public Speech, Articles in Newspapers, and Interviews.**
- **Public Speech:** Urban Water Resources Management in Kuwait, organized by KU-EPA and UNEP. **Venue:** KU-EPA. **Main Participants:** Ministries and public authorities' representatives (MEW, MPW, PAAF, PAI, KU-EPA, PAAT, KU, KISR), 2018.
  - **Kuwait TV interview:** Short talk about the 3rd Kuwait International conference on Life Sciences. **Venue:** Movinpick Hotel, Free Zone, Kuwait, 2018.
  - **Kuwait Radio interview:** Introduce college of Life Sciences and giving brief descriptions for each department at college of Life Sciences. **Venue:** Ministry of Information, Kuwait TV Building, 2018.
  - **Public Speech:** Vulnerability and Adaptation to Climate Change in the State of Kuwait, organized by KU-EPA. **Venue:** Climate Change Center, KU-EPA. **Main Participants:** Ministries and public authorities' representatives (MEW, MPW, PAAF, PAI, KU-EPA, PAAT, KU, KISR), 2017.
  - **Public Speech:** Urban Water Resources Management in Kuwait, organized by KU-EPA and UNEP. **Venue:** KU-EPA. **Main Participants:** Ministries and public authorities' representatives (MEW, MPW, PAAF, PAI, KU-EPA, PAAT, KU, KISR), 2016.
  - **Public Speech:** Urban Water Resources Management in Kuwait, organized by KU-EPA and UNEP. **Venue:** KU-EPA. **Main Participants:** Ministries and public authorities' representatives (MEW, MPW, PAAF, PAI, KU-EPA, PAAT, KU, KISR), 2015.
  - **Panel Discussion:** Societal responsibilities to protect the earth from pollution, organized by ETM department, CLS, KU. **Venue:** CLS, KU, 2013. **Main Participants:** Students, faculty member and general public, 2015.
  - **Public Speech:** Impact of Climate Change Water Resources in Kuwait, organized by Kuwait University, Research Sector, KU-EPA and UNEP. **Venue:** Kuwait University, Research sector Hall. **Main Participants:** Researchers at KU, PAAT, KISR and Ministries and public authorities'



representatives (MEW, MPW, PAAF, PAI, KU-EPA, PAAT, KU, KISR), 2013.

- **Public Speech:** Water Resources and Challenges in Kuwait, organized by Kuwait University, Research Sector, KU-EPA and UNEP. **Venue:** Kuwait University, Research sector Hall. **Main Participants:** Researchers at KU, PAAT, KISR and Ministries and public authorities' representatives (MEW, MPW, PAAF, PAI, KU-EPA, PAAT, KU, KISR), 2012.
- **Articles in Kuwaiti newspapers (about 20):** Highlighting updates and new research activities in college of Life sciences, college newcomers and graduations celebrations, exhibitions, scientific events, volunteers' days, earth day and hour events and various important activities, 2011-2019.