

# *Curriculum Vitae*

## **Personal Information**

**Name:** Heba A. Al-Helailah

**Nationality:** Kuwaiti

**Present Position:** Senior Assistant Teacher

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**Mailing Address:** Department of Environmental Technology Management,  
College of Life Sciences, Kuwait University, The State of Kuwait.

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## **Education**

M.Sc. Chemical Engineering, Kuwait University, February 2005, Kuwait.

B.Sc. Chemical Engineering, Kuwait University, June 2001, Kuwait.

High School Diploma, Bayan Secondary School, June 1996, Kuwait.

## **Research Interest**

- Pollution Prevention.
- Pollutants Dispersion Modeling.
- Chemical Reaction Modeling.
- Environmental catalysis.
- Waste Management.

## **Professional Experience**

May 2002- October 2009 **Chemical Engineer**, Public Authority for Applied Education and Training, Main Administration.

October 2009-Present **Assistant Teacher**, Kuwait University, Environmental Technology Management (ETM).

## **Memberships**

- Member in Kuwait Society of Engineers since October 2003.
- Member in Society of facility staff since 2010.

## **Softwares**

- **Statistics:** SPSS and R System.
- **Microsoft office:** Advance
- **Engineering Modeling:** MATLAB.
- **Engineering Design :** Hysis.

## Teaching

- (2008-present):
  1. Teacher for Labs:
    - Water Treatment.
    - Unit Treatment.
    - Environmental Chemistry and Physics.
    - Statistic.
    - Chemistry.
  2. Assistant Teacher for:
    - Graduate School: Human Exposure to Indoor Air Pollution – Energy Conservation - Environmental Impact Assessment (EIA) – Biostatistic.
    - Undergraduate Degree: Managing Natural & Technological Disasters - Environmental Statistic - Waste Management & Utilization - Industrial Pollution Control - Water Treatment - Unit Treatment - Environmental Risk Assessment - Environmental Impact Assessment (EIA) - Environmental Policies and Regulations - Environmental Data Management - Introduction to Quantitative Environmental Analysis - Environmental Chemistry and physics - Environmental Ethics - College Core Courses (Statistic – Algebra – Applied Calculus – Chemistry - Introduction to Environmental Science – Humans & Their Environment – Introduction to Environmental Technology Management - Environment and Society).
- (2012-2013): Air Pollution Control to Bachelor of Science students in Health Sciences College (Male / Female)
- (2007-2010): storage safety to diploma students in Business studies College (Female).
- (2006-2007): Fluid Mechanics to diploma students in Electricity and Water Institute (Male).

## Puplications

### A. Journal Peapers:

- Azel Almutairi, Abdullah Alsanad and Heba Alhelailah, "Evaluation of Indoor Air Quality in Governmental Oversight Supermarkets (Co-Ops) in Kuwait", Applied Sciences, Vol.9, Pages 4950, November 2019.
- Fatema K. Al-Asfour & Heba A. Al-Helailah, "Waste Management Mind Map: Public Environmental Awareness Project and Creativity in Knowledge and Performance", Journal of Sustainable Development, Vol. 11, No. 3 Pages 223-233, May 2018.
- Al-Sahali M, M.Ettouney H.M, Al-Busairi B, Lababidi H and Al-Hulaila H, "Non-isothermal non-adiabatic dehydrogenation of cyclohexane in catalytic membrane reactors" ,Seperation and Purification Technology ,Vol.42 ,pp.2081 - 2097 ,January ,2007.

### B. Conferences:

- **Posters:**

Heba Al-Helailah, Maryam Al-Asousi and Eman AlDehmeli, "The Impact of Public Perspectives Toward Drinking Water Intake in the State of Kuwait", The 2<sup>nd</sup> Kuwait International Conference on Life Sciences, Kuwait, 4-6 April 2016.
- **Attending:**
  - 1st International Conference on Applications of Air Quality in Science and Engineering (ICAAQSE), 10-12 February 2020.
  - The 3rd Kuwait International Conference of Life Sciences, Kuwait, 27-29 November 2018.
  - The 3<sup>rd</sup> Arab Water Conference, Kuwait, 2-3 May 2018.
  - The OWSD 5<sup>th</sup> General Assembly and International Conference on Women in Science and Technology for the Developing World, Kuwait, 16-19 May 2016.

### **C. Posters:**

- Heba AlHelailah, Maryam Al-Asousi, "Assessing Students' Satisfaction with Foodservices at Sabah Al-Salem University City Campus", Scientific Posters Day, Kuwait, 21 March 2021.
- Heba AlHelailah, Maryam Al-Asousi, Mariam Al-Shammaa, "Exploring the Awareness of Environmental and Health Impact of Using Plastic Packaging for Some Traditional Food in The State of Kuwait ", Scientific Posters Day, Kuwait, 20 March 2019.
- Heba AlHelailah and Maryam AlAsousi, "Drinking Water Consumption in State of Kuwait: The Impact of Knowledge, Perception and Behavior", Scientific Posters Day, Kuwait, 22 March 2017.

### **Training Courses, Workshops and Seminars**

#### **A. Training Courses:**

1. Management of Scientific References using EndNote (Kuwait) from 19-26/1/2020.
2. Recycling and Waste Treatment (Kuwait) from 19-26/1/2020.
3. How to Prepare a Field Study (Kuwait) January 2018.
4. 3D coach (Kuwait) January 2018.

#### **B. Workshops and Seminars:**

1. Scholarly Communication Workshop on Thursday 13 February 2020.
2. Elsevier Day (Kuwait) on Thursday 18 April, 2019.
3. Air Pollution, Climate Change and Human Health Seminar (Kuwait) on Sunday 11 March, 2018.
4. Communication in the Classroom Workshop (Kuwait) on 19 April, 2017.
5. Workshop on Indoor Air Quality in Hot Arid Climate (Kuwait) from 3-4/4/2017.
6. The Blackboard Workshop (Kuwait) on Monday 31 October, 2016.
7. Synergy in Education Workshop (Kuwait) on 17 October, 2016.
8. Air Tunnel Applications Seminar in Environmental Crisis Management (Kuwait) Thursday 18 February, 2016.