

## C.V

Name: Heba Sadoon Al-Mimar

Birth: 11-5-1990

Qualification: Ph. D in Petroleum Geology

Nationality: Baghdad-Iraq

Job : Lecturer of Petroleum Geology at Department of Geology, College of Science, University of Baghdad.

## Scientific Carrier

Qualification	Year	University	Degree
B. Sc	2012	Baghdad University	First ranking (84%)
M. Sc	2014	Baghdad University	First ranking (90%)
Ph. D	2019	Baghdad University	First ranking (91%)

### M.Sc. thesis title:

(Petroleum system and reservoir development of Addaimah oilfield, Messan governorate, South of Iraq)

**Supervisor: Prof. Dr. Thamer Al-Ameri**

### Ph. D thesis title

(Litho-fluids geochemistry, reservoir damage evaluation and hydrodynamics of Mishrif, Khasib and Tanuma reservoirs in selected oilfields, Basrah, southern Iraq)

**Supervisor: Prof. Dr. Salih Muhammed Awadh**

## Members of local and international societies

Society	Joining Year
Member at Iraqi geologist's union	2012
Member at EAGE	2015
Member at SPE	2019
Member at EGU	2016
Member at EAG	2018
Member at UTAH Geological Survey of Utah state	2020
Member at IAGC	2020
Head of the technical editors in Iraqi Geological Journal	2020
Reviewer at Heliyon Earth Science, Elsevier	2020
Reviewer at Journal of Petroleum Technology, SPE	2020
Reviewer at American Journal of Chemistry, USA	2020
Reviewer at Journal of Fluids Dynamics, USA	2020
Reviewer at Journal of Mining Engineering and Mineral Processing, USA	2020
Reviewer at Journal of Resource and Environment, USA	2020
Reviewer at Journal of Geoscience, USA	2020
Reviewer at Journal of Earth Science, USA	2020

### **Publications:**

(9) Researches published in local and international journals of science

1- Petroleum system modeling and risk assessment of Adaimah oil field in Messan governorate, south of Iraq. Published in [Arabian journal of Geosciences](#), Springer, August 2014

2- Statistical analysis of the relations between API, specific gravity and sulphur content in the universal crude oil. Published in the [international journal of science and research](#), India, May, 2015

3- Registering wetlands of south Iraq in the national heritage list is for saving human cultures and global environmental balance. Published in [Iraq academic scientific journal](#), Baghdad, September 2015

4- Salinity mapping model and brine chemistry of Mishrif reservoir in Basrah oilfields, Southern Iraq. Published in [Arabian journal of geoscience](#), Springer, September 2015.

5. Sedimentary units-layering system and depositional model of the carbonate Mishrif reservoir in Rumaila oilfield, Southern Iraq. Published in [Modeling earth system and environment](#), Springer, July, 2018.

6- The role of chemistry of the oil-field water in the distribution of reservoir pressures: A case study of the Mishrif reservoir in the southern oil-fields, Iraq, [Published in journal of researches and petroleum studies](#), Ministry of oil, September, 2018.

7- Potentiometric salinity mapping of Mishrif oilfield waters in Iraq southern oil fields. Published in [Proceedings of the 1st Springer Conference of the Arabian Journal of Geosciences \(CAJG-1\)](#), Tunisia 2018.

8- Ground water availability and water demand sustainability over the upper mega aquifer of Arabian Peninsula and west region of Iraq. [Journal of Environment, Development and Sustainability](#), Springer, 2020.

9. Chemical and isotope composition of the oilfield brines from Mishrif Formation (southern Iraq): Diagenesis and geothermometry, [Marine and Petroleum Geology](#), Elsevier, 2020.

## **Conference and symposiums (paper presentation + attendance):**

- 1- Presenting a paper about the Iraqi petroleum system in the 3<sup>rd</sup> EAGE workshop on Iraqi oil at Dubai, united Arab of Emirates, November 2015
- 2- Presenting a paper about the wetlands of south Iraq in the 2<sup>nd</sup> conference on geological studies in the archeology at university of Baghdad, Iraq, April 2015(paper presentation + member in the supporting committee of the conference
- 3-Attendance the conference of (united for the heritage) that held by university of Baghdad In collaboration with the United Nations Mission
- 4- Attendance the 2<sup>nd</sup> international conference of Iraqi oil studies that is held by the University of Baghdad, college of science, department of geology (paper presentation + member in the supporting committee)
- 5-Attendance the 2<sup>nd</sup> scientific symposium of earthquakes that is held by the University of Baghdad, college of science, department of geology (member in the supporting committee of the symposium)
- 6- Presenting a paper in the conference of Iraqi geologist's union conference, April 2017.
- 7- Presenting a paper in the conference of Iraqi geologist's union, April 2019.
- 8- Attendance the symposium of Geopark which held in university of Baghdad, college of science, Department of geology (Member in the supporting committee).

## **Awards and appreciation of certification**

1- I completed the undergraduate (B. Sc degree) and ranked the 1<sup>st</sup> on the group with very good degree.

2- I completed the M.Sc. stage and ranked the 1<sup>st</sup> on the group with excellent degree.

3- I completed the courses of Ph. D and ranked the 1<sup>st</sup> on the group with excellent degree.

\*So, because of this distinction I got award from the department of geology, college of science, University of Baghdad

\*I got more than 50 certificates of appreciation as a result of participated in conference and symposium and published different papers in the international and local journals.