

## CURRICULUM VITAE السيرة الذاتية



المعلومات العامة :

	مهند حامد عبود الجابري	الاسم الثلاثي واللقب
Full Name	Mohanad Hamid Abbood Al-Jaberi	
Title	Professor	اللقب العلمي
University	BASRAH	الجامعة
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### Qualification and certification

### المؤهلات والسيرة العلمية

General specialization		Sedimentology		الرسوبيات		الاختصاص العام	
Specific specialization		Rocks and Minerals		صخور و معادن		الاختصاص الدقيق	
Certificate	Date	University	Country	البلد	الجامعة	تاريخها	الشهادة
B.Sc.	1998	Basrah	Iraq	العراق	البصرة	1998	بكالوريوس
M.Sc.	2006	Basrah	Iraq	العراق	البصرة	2006	ماجستير
Ph.D.	2014	Baghdad	Iraq	العراق	بغداد	2014	دكتوراه

<https://scholar.google.com/citations?user=And4hfEAAAAJ&hl=en>

مرايط : Google Scholar

<https://www.researchgate.net/profile/Mohanad-Al-Jaberi>

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مرايط : Scopus

<https://www.scopus.com/authid/detail.uri?authorId=56340029400>

مرايط : Reaserch er ID

<https://www.webofscience.com/wos/op/peer-reviews/summary>

مرايط : Publons

<https://orcid.org/0000-0001-8731-9708>

مرايط : ORC ID

## Teaching

## نشاط التدريس

Undergraduate Studies دراسات اولية			
Course code.	Course name	اسم المقرر	رمز المقرر
G100	GENERAL GEOLOGY	الجيولوجيا العامة	ج100
G106	Petrology	علم الصخور	ج107
G202	Sedimentary rocks	الصخور الرسوبية	ج202
G305	Sedimentology	علم الرسوبيات	ج305
G429	Clay minerals	المعادن الطينية	ج429
G207	Geophysics	الجيوفيزياء	ج207
G409	Graduate research	مشروع بحث التخرج	ج409
Postgraduate Studies دراسات عليا			
Course name		الموضوع	
- Advanced of sedimentology for M. Sc. Students		علم الرسوبيات المتقدم	
- Advanced of marine geology for M. Sc. Students		الجيولوجيا البحرية المتقدم	
- Advanced Sedimentary environments for M. Sc. Students		البيئات الرسوبية المتقدم	
- Quaternary deposits for M. Sc. Students.		رسوبيات العصر الرباعي	
- Advanced Carbonate rocks for Ph.D. students		الصخور الكربوناتيية المتقدم	
- Advanced Carbonate microfacies for Ph.D. students.		السحنات الكربوناتيية المتقدم	
-Deep basins analyses for Ph.D. students.		تحليل الاحواض العميقة	

No.	Article & Patents details
1	Al-Marsoumi, A.M.; Al-Khafaji, S.J.; and Al-Jaberi, M.H., 2006. Sedimentological and mineralogical aspects of Khor Abdullah supratidal sediments, NW of Arabian Gulf. <i>Marine Mesopotamica</i> , 21(1), pp.13-28.
2	Al-Marsoumi, A.M. and Al-Jaberi, M.H., 2007. Basrah soils, Geochemical aspects and physical properties – A review. <i>Basrah journal of science</i> , 25 (1) . pp. 89-103.
3	Al-Marsoumi. A.M.; Khadim, S.K.; and Al-Jaberi, M.H., 2009. The effect of dolomite on some of geotechnical properties of Khor Abdullah soil-NW of Arabian Gulf. <i>Journal of Basrah Researches ((Sciences))</i> , 35(5), pp.17-22.
4	Al-Jaberi, M.H., 2009. The sedimentological and geotechnical characteristics of KhorShytianah coastal recent sediments –NW Arabian Gulf. <i>Journal of Basrah Researches ((Sciences))</i> 35(5), pp.9-15.
5	Al-Jaberi, M.H. and Jasim, A.H., and 2010. Textural , mineralogical properties and amount of dust fallout in Basrah city for years 2005-2008. <i>Journal college of education/ Babylon</i> , 5(5), pp120-133.
6	Al-Jaberi, M.H., 2010. Sedimentological and environmental aspects of sub-surface Basrah sediments- South Iraq. <i>Mesopt. J. Mar. Sci.</i> , 25(2), pp.67-78.
7	Al-Jaberi, M.H., and Al-Dabbas, M.A., 2014. Assessment of heavy metals pollution in the sediments of Iraqi coastlines. <i>International Journal of scientific research</i> , 3(9), pp. 64-68.ISSN No. 2277-8179.
8	Al-Dabbas, M.A., and Al-Jaberi, M.H., 2014. Crassostreacucullata Shells As Indicator to Environmental Changes in The Iraqi Coastlines. <i>International journal of scientific research</i> , 3(8), pp.11-15. ISSN No. 2277-8179.
9	Al-Jaberi, M.H., 2014. Heavy metals characteristics of settled particles during dust storms in Basrah city-Iraq. <i>International journal of scientific research</i> , 3(10), pp. 1-5. ISSN No. 2277-8179.
10	Al-Dabbas, M.A and Al-Jaberi, M.H., 2014. Heavy metal concentrations in Mollusca Corbicula fluminails shells of Shatt Al-Arab river. <i>International Journal of Marine Science</i> 2015, Vol.5, No.39, pp. 1-4. DOI: 10.5376/ijms.2015.05.0039, <a href="http://ijms.biopublisher.ca">http://ijms.biopublisher.ca</a>
11	Al-Dabbas, M.A and Al-Jaberi, M.H., 2015. Elemental distribution in the calcite and aragonite layers of Chione californiesis from Iraqi coasts- North Arabian Gulf. <i>Arabian journal of geoscience</i> , Vol.8, pp- 9433–9440, DOI 10.1007/s12157-1862-z.
12	Al-Dabbas, M.A.; Hussain, G.A.; and Al-Jaberi, M.H., 2015. The effect of dust storm quality and industrial area on air quality of Salah Al_Dien -Iraq. <i>Journal of Basrah research/ Sciences</i> , Vol.41, No. 52. ISSN -1817 – 2695
13	Al-Dabbas, M.A; Al-Jaberi, M.H; and Al- Khafaji, R.2015. Impact of climate changes on the hydrogeological aquifers- Case study Dibdiba aquifer at Karbala – Najaf area, Iraq. <i>International Journal of Research in Science and Technology</i> , No. 5, Vol.3, pp.24-39. eISSN: 2249-0604; p-ISSN:2454-180X
14	Hussain, G.A.; Ahmed, I.A.; and Al-Jaberi, M.H., 2015. Assessment of ground water quality for drinking purpose for selective areas of Bai- Hassan aquifer formation northern of Iraq. <i>Jour. of Almustansria</i> , No.52, Vol.12, pp.264-269.
15	Al- Jaberi, M. H., 2015. Study of the clastics and shells in selected areas at NW of Arabian gulf- south Iraq , Scholars Press publish house., Germany, 248P. ISBN:978- 639 -76255- 6.

<b>16</b>	Al-Dabbas, M.A., and Al-Jaberi, M.H., 2015. Geochemistry of Crassostrea Cucullata Shells as environmental contamination indicator in Iraqi coasts, North Arabian Gulf. <i>Arabian Journal of geoscience</i> , Vol.8, pp- 5767–5777, DOI 10.1007/s 12157-014-1592-7.
<b>17</b>	Al-Jaberi, M.H.; Al-Dabbas, M.A.; Al-Khafaji, R. 2016. Assessment of heavy metal contamination and sediment quality in Shatt Al-Arab river, Basrah, southern Iraq. <i>Iraq Geological Journal (IGJ)</i> , Vol.39-40, No.1. ISSN: IQ 1026 – 5198.
<b>18</b>	Al-Jaberi, M.H., 2016. Evaluation of Iraqi Coasts Using Littoral and Marine Bivalve Shell. <i>Iraq Geological Journal (IGJ)</i> , Vol.2, No.1. ISSN: IQ 1026 – 5198.
<b>19</b>	Al-Jaberi, M.H., 2017. Clay minerals variations in Quaternary sediments of Basrah City Iraq. <i>Earth Science Center (Canada)</i> , Vol. 6, No. 2. Doi:10.5539/esr.
<b>20</b>	Al-Jaberi, M.H.; Rasha, Al-Ali, R; and Humidan, Z., 2018. Minerals variation in the Iraqi marine sediments. <i>International Journal of Scientific Research</i> , V.7, No.1, ISSN No. 2277-8179, IF:4.176
<b>21</b>	Al-Jaberi, M.H. and Al-Mayahi, H., 2018. WIRELINE LOGGING RESPONSE AND TRUE CORE ANALYSIS OF THE UPPER SHALE MEMBER OF ZUBAIR FORMATION, RUMAILA OILFIELD, SOUTHERN IRAQ. <i>Iraqi Geological Journal</i> , V.51, No. 2, IF:0.74
<b>22</b>	Al-Jaberi, M.H. and Al-Humaidan, Z.A., 2018. Geochemistry of trace elements in Iraqi marine environment. <i>Bulletin of Pure and Applied Sciences 'Section F – Geology</i> , V.37F, NO.2.
<b>23</b>	Almayyahi, H. and Al-Jaberi, M.H., 2018. Sedimentological study for the Upper Shale member in Zubair formation to enhance and comparison oil production in North Rumaila oilfield. <i>Modeling Earth Systems and Environment</i> , Springer. V.4, pp-981-1006. <a href="https://doi.org/10.1007/s40808-018-0498-x">https://doi.org/10.1007/s40808-018-0498-x</a> .
<b>24</b>	Almayyahi, H. and Al-Jaberi, M.H., 2018. Geochemical Study for the Upper Shale Member - Zubair Formation in Rumaila Oilfield, South Iraq. <i>Journal of Mining Science</i> . V.4, No.4, pp-56-74. DOI: 10.20431/2454-9460.0404006.
<b>25</b>	Al-Jaberi, M.; Al-Dabbas, M.; Bashar, A. and Jaber, M., 2018. Mineralogy and geochemistry of coral reef in Iraqi marine environment in the North part of Arabian Gulf. <i>Bulletin Iraq natural History Museum Journal</i> . Vol. 15, No. 2, pp-189-106. <a href="http://dx.doi.org/10.26842/binhm.7.2018.15.2.0189">http://dx.doi.org/10.26842/binhm.7.2018.15.2.0189</a> .
<b>26</b>	Al-Jaberi, M. and Al-Jafar, M., 2019. Well logging and electrofacies of Zubair formation for upper sandstone member in Zubair oil field, southern Iraq. <i>Iraqi Geological Journal</i> , V.52, No. 1.
<b>27</b>	Al-Jaberi, M. and Hussein, M., 2019. Mineral properties of Euphrates and Shatt Al-Arab river sediments. <i>Bulletin of Pure and Applied Sciences 'Section F – Geology</i> . 38F, No.2.
<b>28</b>	Al-Humaidan, Z.A., Al-Jaberi, M.H., and Al-Ali, R.A., 2019. A comparison of sedimentological, environmental and fauna between two regions, NW of the Arabian Gulf. <i>Mesopotamian Journal of Mariner Science</i> , 34(1), 63-84.
<b>29</b>	Al-Jaberi, M.H., 2020. Distribution of Heavy Metals in Coral Skeleton and Ambient Seawater: Southern Iraq. <i>THE INTERNATIONAL JOURNAL OF CLIMATE CHANGE: IMPACTS AND RESPONSES</i> , Vol.12, Issue: 2, pp- 23-33.
<b>30</b>	Al-Jaberi, M.H. and Al-Jafar, M., 2020. ELEMENTS DISTRIBUTION FOR THE UPPER SANDSTONE MEMBER OF THE ZUBAIR FORMATION IN ZUBAIR OILFIELD, SOUTHERN IRAQ. <i>Iraqi Geological Journal</i> , 53 (1E), 55-74.
<b>31</b>	Hussain, M.L. and Al-Jaberi, M.H., 2020. COMPARISON THE BED SEDIMENT CONTAMINATION OF THE SOUTHERN PART OF EUPHRATES RIVER WITH SHATT AL-ARAB, IRAQ. <i>Iraqi Geological Journal</i> , 53 (1C), 68-89.
<b>32</b>	Al-Jaberi, M.H. and Mahdi, M.M., 2020. Mineralogy and paleontology of the quaternary sediments in Karmat Ali at Basrah, southern Iraq. <i>Iraqi Geological Journal</i> , 53 (2C), 105-120.
<b>33</b>	Al-Jaberi, M.H., 2020. Assessment of heavy metals and ecological risk in the sediments of Thi Qar and Basrah governorates -Southern Iraq. <i>IOP Conference Series: Materials Science and Engineering</i> , doi:10.1088/1757-899X/928/2/022012.
<b>34</b>	Hiba K. Al-Aoufi, Mohanad H. Al-Jaberi, and Harith A. Al-Saad, 2021. Mineralogical properties of the Quaternary deposits in the Iraqi highway, east of Al Warka city- Southern Iraq, <i>IOP Conf. Series: Earth and Environmental Science</i> 779 (2021) 012064, doi:10.1088/1755-1315/779/1/012064.
<b>35</b>	Zainab A. Al-Humaidan, Mohanad H. Al-Jaberi, Rasha A. Al-Ali, 2021. Influence of TOC and clay minerals on sedimentation process in Iraqi marine sediments, <i>Journal of Materials Today: Proceedings</i> , <a href="https://doi.org/10.1016/j.matpr.2021.05.560">https://doi.org/10.1016/j.matpr.2021.05.560</a> .

36	Aljafar, M. and Al-jaberi, M.h.,2021. Determination of clay minerals using gamma-ray spectroscopy for the Zubair Formation in Southern Iraq. Journal of Petroleum Exploration and Production Technology, <a href="https://doi.org/10.1007/s13202-021-01371-3">https://doi.org/10.1007/s13202-021-01371-3</a> .
37	Hassan, K. and Al-Jaberi, M., 2022. Depositional properties of the middle Miocene Fatha (lower Fars) Formation, in K-oilfield southern Iraq. Iraqi geological journal, 55(2B).
38	Misban, A. and Al-Jaberi, M., 2022. Microfacies analysis and depositional environments of lower saadi Formation, Southern Iraq. 55(2C).
39	Al- Humaidan, Z., Al-Jaberi, M., Al-Mayyahi, K., and Al-Mutouri, Z., 2022. Study of Heavy, Light Minerals and their Effect on the Petroleum Aggregation in Zubair Formation for Rumaila Oilfield- Southern Iraq. 63 (9).

## Thesis discussion

## مناقشات الاطاريح

No.	Thesis title
	1- Environmental assessment of air, noise and petroleum hydrocarbons pollution in soil of west Qurna -2 oil field , Southern Iraq . University of Basrah. Submitted by Duha Salih Abd, supervised by Hamzah Abu Hussain and Hamid Al-Saad. 12-1-2017.
	2- Geotechnical assessment of load bed in Fao city – Southern Iraq. University of Basrah. Submitted by Noor Ali Hamid, supervised by Raid Aziz. 28-8-2017.
	3- Structural study of Basins configuration in Iraq through geologic time and its effect on type of deposition by using data from deep oil wells. University of Basrah. Submitted by Hanan Abd A-Qadir , supervised by Abd Zahrah Mousa and Badir Al-Badran. 4-10-2018.
	4- Studying the geochemical variations of trace elements in selected locations of Basrah governorate. University of Basrah. Submitted by Noor Amer , Supervised by Harith A-Saad . 29-1-2019.
	5- Sedimentological , mineralogical, and geochemical study for upper sandstone member of Zubair Formation bin Zubair oilfield, southern Iraq. Unniversity of Basrah, submitted by Meithaq Khazal , supervised Mohanad Al-Jaberi. 3/7/2019.
	6- The organic matter distribution and its effect on the geotechnical properties of the surface bearing strata in selected areas of Basrah governorate / Southern Iraq. University of Basrah. Submitted by Alaa Muhsen Khalaf , supervised by Raid Aziz. 27-2-2019.
	7-Paleontological and sedimentological study of the Shuaiba formation in the selected fields of southern Iraq. University of Basrah. Submitted by Zain Al Abdien Abd, supervised by Abbas Hamid Mohammed and Maher Mandeel. 20-6-2019.
	8- Mineralogy , geochemistry and fluid – rock interaction of the Zubair reservoir in selected oilfields Sothern Iraq. University of Baghdad. Submitted by Mohaned Rasim Abass, supervised by Salih Awadh. 26-6-2019.
	9- Sedimentological and mineralogical study of the quaternary in sediments in Southern Iraq. University of Basrah. Submitted by Zain Al-Abdien Abd, supervised by Badir Al-Badran. 15-9-2019.
	10- Sedimentological and mineralogical study of the Quaternary in sediments in Southern Iraq. University of Basrah. Submitted by Liaal Shawi , Supervised by Badir Albadran.
	11- Sedimentological, mineralogical , and environmental study of the Euphrates River from Hilla to Basrah cities, Iraq. University of Basrah. Submitted by Mohammed Latif , Supervised by Mohanad Al-Jaberi.

12- A study of paleontology of Khasib Formation at Rumaila Oil Field, Southern Iraq. University of Basrah. Submitted by Ruaa Abdul-Sattar , supervised by Abbas Hameed and Mahir Mandeel. 9\9\2020.

13- Quantitative and qualitative assessments of claystone of Injana Formation in Karbala-Najaf plateau and adjacent land in central Iraq for the manufacture of cement and brick. University of Baghdad, submitted by Ali Mutlak AlShimary, supervised by Salih Awadh. 31-3-2021.

14- Element geochemical assessment of recent sediments in the selected areas of Missan city- Southern Iraq. University of Basrah. Submitted by Sarah Talib Kitab , supervised by Harith Abd AlHaleem Al-Saad. 6\4\2021.

15- The effect of the Hilla River meandering on slops stability of banks and safety of construction along the river of Babylon governorate / middle of Iraq, and possible treatments. University of Basrah. Submitted by Wael Noori Mersa, Supervisor Raed Aziz and Amer Atia. 18/11/2021.

16- Mineralogical properties of Quaternary deposits in the Iraqi highway – east of Al-Warka city. University of Basrah. Submitted by Hibba Khalid, supervised Mohanad Al-Jaberi and Hrith Al-Saad, 4/11/2021.

17- Mineralogical and geochemical variation of the sediments on the banks of Shatt Al-Arab and Shatt Al-Basrah Rivers in Southern Iraq. University of Basrah. Submitted by Amna Noori Ali, Supervised Harith Al-Saad.10/ 2/ 2022.

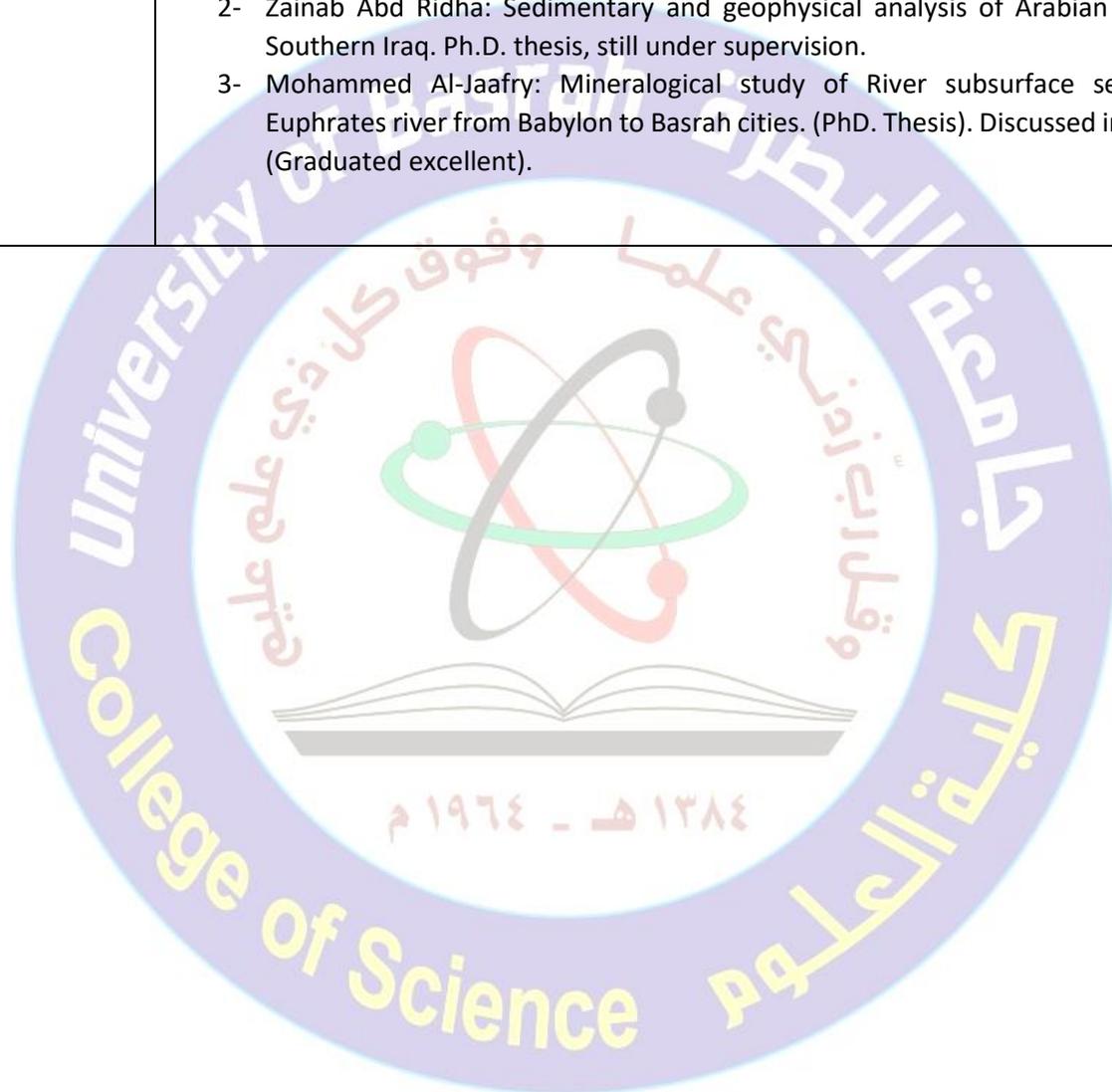
18- Integrated petrophysics and seismic inversion for evaluated of Zubair reservoir using seismic and well log data in North- Rumaila oilfield, southern Iraq. University of Basrah. Submitted by Wisam Hadi, Supervised Amna MalAllah and Hasan Ali, 19/5/2022.

19- Depositional properties of the middle Miocene Fatha (Lower Faris) Formation, in Nahr Umr oilfield, southern Iraq. University of Basrah. Submitted by Kawther liad Hasan, Supervised Mohanad Al-Jaberi, 24/7/2022.

20- Sedimentary characteristics of Saadi Formation in west Qurna 2 oilfield, Southern Iraq. University of Basrah. Submitted by Adian Ali Musban. Supervised Mohanad Al-Jaberi. 27/7/2022.

Supervision	Title of thesis	اشرفاء طلباء دراسات عليا
Master	<p><b>Thesis (M. Sc. &amp; Ph. D.) under my supervision:</b></p> <p>1- Zainab Abd Radah: Sedimentological, mineralogical and paleontological study of subsurface marine core- sediments from Umm Qasir port to Basrah oil port. (M.SC. thesis) . Discussed in 7-3-2018. (Graduated excellent).</p> <p>2- Haider Kadim Hassan: Sedimentological , mineralogical and geochemical study of upper shale in Zubair formation – Rumaila oil field. (M.SC.thesis) . Discussed in 5-9-2018. (Graduated excellent).</p> <p>3- Mithaq Khazal: Sedimentological, mineralogical and geochemical study for upper sandstone member of Zubair formation in Zubair oilfield, Southern Iraq. (M.SC. Thesis). Discussed in 2-7-2019. (Graduated excellent).</p> <p>5- Hibba Khalid Laftah: Mineralogical properties of Quaternary deposits in the Iraqi highway – east of Al-Warka city. (M.SC. thesis). (Graduated excellent).</p>	

	<p>6- Adian Ali : Sedimentary characteristics of Saadi Formation in west Qurna 2 oilfield, Southern Iraq . (Graduated excellent).</p> <p>8- Kowther laad Hasan: Depositional properties of the middle Miocene Fatha (Lower Faris) Formation, in Nahr Umr oilfield, southern Iraq. M.Sc. thesis. (Graduated excellent).</p> <p>10- Sawsan Abed: Sedimentary characteristics of the Hartha Formation in Majnoon Oil Field. M.Sc. still under supervision.</p> <p>11- Sura Assad: Sedimentological and facies study of Nhr Umr Formation in the Saubba oilfield- Southern Iraq. M.Sc. still under supervision.</p>
<p>Doctorate</p>	<ol style="list-style-type: none"> <li>1- Zainab Monther: Facies analysis of Mauddud Formation in the West Qurna, Rumaila, and Ratawi oilfields at Southern Iraq. Ph.D thesis, still under supervision.</li> <li>2- Zainab Abd Ridha: Sedimentary and geophysical analysis of Arabian Gulf beds, Southern Iraq. Ph.D. thesis, still under supervision.</li> <li>3- Mohammed Al-Jaafry: Mineralogical study of River subsurface sediment in Euphrates river from Babylon to Basrah cities. (PhD. Thesis). Discussed in 3-9-2020. (Graduated excellent).</li> </ol>



## Conferences and symposium participated

No.	
1	International conference of Science College – Babylon University, 27-28/5/ 2009.
2	Our natural resources are the basis of community development Mosel University, 25-26/4/20012.
3	Our environment – Basrah University, 22-23/12/2014.
4	The 16th Iraqi Geological Conference - Union of Geologists- Iraq, 26-27/ 4/ 2017.
5	Applied geography between modernity and originality- Baghdad University, 24-25/1/2018.
6	The sixth Kubuqi international desert forum – Kubiqi desert in China, 28-20/7/2017.
7	International symposium on eastern Mediterranean geology in Antalya- Turkey, 7-11/5/2018.
8	Fourth international scientific conference on environmental and sustainable development – Cairo- Egypt ,24-28/11/2018.
9	The role of scientific research and sustainable agriculture in achieving food security. College of Economics and Forestry in the University of Mosel.
11	3rd international conference of Agricultural Science College of Agriculture / University of Basrah, 27-28/3/2019.
12	1st International scientific conference of engineering petroleum / Misan University , 23-4-2019.
13	Symposium in the University of Basrah in title of “ The water crisis and suggested solutions to avoid and control it, 22/4/2019.
14	Symposium in the University of Basrah in title of “Ground water in southern Iraq as alternatives to surface water in emergency situations”, 28/8/2019.
15	The 3rd International Conference of Iraq Oil Studies- (ICIOS 25-26 March 2020 – Baghdad.
16	The 2nd International Scientific Conference of Al-Ayen University, 10 -17 may-2020 -Nasiriya, Iraq.
17	Member of the scientific committee in the first international conference on geological heritage and geopark in the University of Baghdad, 11-11-2020.
18	The third international conference for the study of Iraq's oil in the University of Baghdad, 20-1-2021.
19	Fifth International Conference on Environment and Sustainable Environment in Technology University, Baghdad, 1-5-2021.
20	First international conference of natural history & wildlife – ICNHW 2021, Iraqi natural history research center and museum – University of Baghdad, 24-25 November, 2021.
21	International conference on emerging trending in materials science, technology and engineering (ICMSTE2K21), department of mechanical engineering , Syed Ammal Engineering college, India, 4-3-2021.
22	21- 2 <sup>nd</sup> international conference of environment and marine sciences, Marine science center- Iraq, 28-29/12/2021.

