

## Curriculum Vitae



Full Name: Mohammed Ali Abood Faris Al-Janabi

Date of Birth: 19/11/1977

Certificate : Doctorate

Date of obtained: 20/6/2012

General Specialization: Soil Science and Water Resources

Specialization: Soil Physics

Scientific title: Professor

Date of obtained: 21/6/2020

Number of years of service in higher education: 15 years

Number of years of service outside of higher education: None

Email: [Mohammed.Ali.Abood@uodiyala.edu.iq](mailto:Mohammed.Ali.Abood@uodiyala.edu.iq)

Awarded a bachelor's degree: Anbar University - College of Agriculture

Master's degree: Anbar University- College of Agriculture

PhD: University of Baghdad - College of Agriculture

Thesis Title of Master's : Evaluation of Drip Irrigation For Onion *Allium cepa* L. Under Conditions of Soil Mulching and Organic Matter Application

Dissertation Title of PhD: Effect of Drip Irrigation , Organic Manure and Mulching on Growth and Yield of Potato (*Solanum tuberosum* L.)

## Jobs Filled

No.	Occupation	Workplace	For the period from to
1	Established of department of Horticulture and Gardening Engineering	Department of Horticulture and Gardening Engineering College of Agriculture - University of Diyala	10/5/2008 to 5/11/2008
2	Established of department of Soil Science and Water Resources	Department of Soil Science and Water Resources College of Agriculture - University of Diyala	15/8/2012 to 3/3/2013
3	Head of Soil Science and Water Resources Department	Department of Soil Science and Water Resources College of Agriculture - University of Diyala	9/5/2013 to 18/3/2014
4	Responsible Quality Assurance Division	College of Agriculture - University of Diyala	6/10/2015 to 19/5/2016
5	Responsible of the Graduate Studies Division	College of Agriculture - University of Diyala	7/3/2016 to 19/1/2021

## Universities and institutes where he studied

No.	Entity (University - College) / Institute	For the period from to	Notes
1		None	

## Courses he taught

No.	University	College	Department	Subject Name	academic year
1	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Principle of soil	2006/2007

2	Diyala	Agriculture	Animal Resources	Principle of soil	2007/2008
3	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Irrigation and Drainage	2014/2015
4	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Principle of soil	2010/2011
5	Diyala	Agriculture	Department of Soil Science and Water Resources	Level Surveying	2012/2013
6	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Level Surveying	2012/2013
7	Diyala	Agriculture	Department of Field Crops	Principle of soil	2014/2015
8	Diyala	Agriculture	Department of Soil Science and Water Resources	Desertification	2015/2016
9	Diyala	Agriculture	Department of Soil Science and Water Resources	Technology of Irrigation systems	2015/2016
10	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Water Consumptive Use	2015/2016

11	Diyala	Agriculture	Department of Soil Science and Water Resources	Irrigation	2015/2016
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### Courses developed or contributed to their development

No.	University	College	Department	Subject Name	academic year
1			None		

### Supervising of Thesis and Dissertation

No.	University	College	Department	Title of Thesis and Dissertation	academic year
1	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Effect of Poultry Manure and Plant Density on Growth and Yield of Potato <i>Solanum tuberosum</i> L.	2016
2	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Effect of Fermented Poultry Manure and Spraying with Tecamin Max Material on Growth and Yield of Potato <i>Solanum tuberosum</i> .L	2017
3	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Effect of Perlite in Reducing Water Stress for Three Genotypes of Tomato	2017
4	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Effect of Variety and Spraying with Seaweed and Plastic Cover on Growth and Yield of Potato <i>Solanum tuberosum</i> L. on Autumn Lug	2019

5	Diyala	Agriculture	Department of Horticulture and Landscape Gardening	Effect of irrigation durations , ascorbic acid and Seek organic fertilizer on growth and yield of Cabbage <i>Brassica oleracea var.capitata</i> L.	2020
6	Diyala	Agriculture	Department of Soil Science and Water Resources	Effect of irrigation period and spraying with potassium and nano-calcium on growth and yield and water use efficiency of eggplant under the conditions of the unheated plastic house	2021
7	Diyala	Agriculture	Department of Soil Science and Water Resources	Effect of irrigation interval and fertilizer type on water use efficiency, growth and yield of mung bean ( <i>Vigna radiata</i> L.) under drip irrigation system	2021

### Conferences, scientific symposiums and workshops in which he participated

No.	Title	Place	Type of participation (Article - attendance)	Year
1	First Conference on Agricultural Research	College of Agriculture - Diyala University	Member of the Preparatory Committee	2009

2	The third scientific conference of the College of Agriculture Anbar University	College of Agriculture Anbar University	Article	2010
3	First National Conference on Agricultural Research	College of Agriculture - Diyala University	Presence	2011
4	Second Agricultural Research Conference	College of Agriculture - Diyala University	Secretary of the Conference	2013
5	Seminar on Wastewater Use and Environmental Protection	College of Agriculture - Diyala University	Member of the Preparatory Committee	2013
6	Seminar on (The role of bio-fertilization in improving plant tolerance for stresses)	College of Agriculture - Diyala University	Member of the Preparatory Committee	2013
7	The Seventh International Conference on Agricultural Research	College of Agriculture - Tikrit University	Article	2018
8	Ninth Scientific Conference on Sustainable Agricultural Development	College of Agriculture - Fayoum University (Egypt)	Article	2019
9	Workshop on (Forms of Research and Development)	The academic forum in the College of Engineering	Presence	2018
10	Symposium on Geographical Information Systems and their Agricultural Applications	College of Agriculture - Diyala University	Chairman of the Preparatory Committee	2018

## The courses he participated in and held

No.	Course title	Place	Year
1	Course of teaching methods	Diyala University	2006
2	Computer Course	Diyala University	2007
3	Training course	Diyala University	2008
4	Language Safety Course	Diyala University	2008
5	Virtual Library Course	Diyala University	2013
6	Course on GIS	College of Education for Human Sciences	2013

## Research projects in the field of specialization to serve the environment and society or the development of education

- AL-Janabi.M. A. A. AL-Hadithi,E. K. H., and Khalifa, H. G.**2010. Consumptive water use for onion yield under conventional and strip drip irrigation. Diyala Agricultural Sciences Journal 2(2):138-144.<https://www.iasj.net/iasj/download/6563a2562336ccc9>.
- Hameed.R. M. and Abod ,M. A.** 2010. Effect of irrigation intervals flowering and nitrogen fertilizer levels on growth characters and yield in cotton( *gossypium hirsutum* L.). Diyala Agricultural Sciences Journal 2(2):177-186. <https://www.iasj.net/iasj/download/91452b3b10600f64>.
- AL-Ganabi.M. A. AL-Hadithi,E. K. and Al-Mersomi, H. G.**2010. Effect of organic manure and soil cover under model drip irrigation on Salt and moisture distribution. Anbar journal of agricultural sciences 8(3):1-12. <https://www.iasj.net/iasj/download/b0bfef7f1a604efe>.
- Jasim.A. A. and Abood ,M. A.** 2010. Effect of ccommon reed application as an organic matter on some properties of saline soil and growth of barley ( *Hordeum vulgar* L.) Diyala Agricultural Sciences Journal 2(1):242-247. <https://www.iasj.net/iasj/download/8bf6ae80d73537a1>.
- Suhal .F. M. Abud,M. A. and Farhan, L. D.**2010. The effect of interaction between *Azotobacrer chroococcum* bacteria , organic matter and nitrogen fertilizer on growth of maize plant. Anbar journal of agricultural sciences 8(4 Special issue ):172-181. <https://www.iasj.net/iasj/download/5bbe04948dc358a6>.
- Suhal .F. M., Farhan, L. D. and Abud,M. A.** 2011. Effect of Type and level Salt in Soil on *Azotobacter chroococcum* bacteria Efficiency and growth of maize crop. Tikrit Journal for Agricultural Sciences 11(3 ):120-130. <https://www.iasj.net/iasj/download/7ce70e19cd127637>.
- AL-Janaby.M. A. A. and Al-Sheikhly ,A. H.** 2012. Effect of organic manure and soil mulching on salt distribution under deficit drip irrigation system for potato. Diyala Agricultural Sciences Journal 4(1):152-165. <https://www.iasj.net/iasj/download/65fe937fa35ed9dc>.
- Al-Sheikhly ,A. H. and AL-Janaby.M. A. A.** 2012. Effect of organic manure and mulching on soil moisture distribution under deficit drip irrigation system for potato. Diyala Agricultural Sciences Journal 4(1):166-180. <https://www.iasj.net/iasj/download/807f37ee2a823ca3>.
- Hameed.R. M., Abod, M. A. and Bedewi,T. K.** 2013. Effect of irrigation intervals after flowering and Nitrogen Fertilizer levels in Yield and component of cotton ( *Gossypium hirsutum* L.). Tikrit Journal for Agricultural Sciences 13(1 ):152-157. <https://www.iasj.net/iasj/download/4452c686e12c3f97>.
- Abood,M.A,Jasim,A.A., and Fahmi,A.H.** 2013. Quality effect of organic fertilizers on some soil properties, growth and yield of garlic (*Allium sativum* L.). International Journal of Agricultural Science and Research3(5): 25-32. <http://www.tjprc.org/publishpapers/--13855405345.%20Quality%20effect.full.pdf>.



- Al-Janaby, M.A.A.** 2014. Effect of magnetized irrigation water and bio-fertilizer spraying on growth and yields of maize (*Zea mays* L.). Journal of Genetic and Environmental Resources Conservation 2(1):10-15.
- Abood, M. A., Ahmed, O. A. and Mehdi, A. S.** 2014. Effect of potassium fertilizer, deficit irrigation and organic matter on cotton tolerance to drought. Diyala Agricultural Sciences Journal 6(1):202-214. <https://www.iasj.net/iasj/download/12be6b19682bc2ff>.
- Al-Janaby, M.A.A.** 2015. Impact of Tillage and Plastic Mulching on Some Soil Physical Properties in Relation with tomato Yield (*Lycopersicon esculentum* L.) International Journal of Current Research 7(2): 12638-12641. <http://www.journalcra.com/sites/default/files/issue-pdf/7301.pdf>.
- Al-Juraisy, S. M.F., Al-Janaby, M.A.A. and Alrawi, M.K.I.** 2015. Effect of physiographic location on soil quality degradation in Iraqi Mesopotamian plain using GIS. Diyala Agricultural Sciences Journal 7(2):206-215. <https://www.iasj.net/iasj/download/6d22e90539ed5108>.
- Hameed, Z. H., Salloum, M.O., Kadhim, A.A. and Fares, M.A.A.** 2015. Effect of water stress and exogenous application of glycine and salicylic acid on the growth and production of eggplant (*Solanum melongena* L.). Anbar journal of agricultural sciences 13(2):61-69. <https://www.iasj.net/iasj/download/3e121ef2877fcfbc>.
- Al-hamdani, S. A., Al-Janaby, M. A.A. and Al-Azzawi, G.S.M. S.** 2017. Effect of poultry manure fermentation and spraying with Tecamin Max on the vegetative growth characteristics of *Solanum tuberosum* L. Journal of Agricultural, Environmental and Veterinary Sciences 1(4):19-27. <https://drive.google.com/file/d/1UCiH7WmUEq57ED-uf9hLWvP2dcRwWj01/view>.
- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2017. Effect of Perlite on Reducing Water Stress for Three Genotypes of Tomatoes and its effect on some yield properties. Journal of Agricultural, Environmental and Veterinary Sciences 1(2):1-13. <https://www.ajsrp.com/journal/index.php/jaevs/article/view/1105/1051>.
- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2018. Tecamin Flower® Foliar Application to Alleviate Water Deficit Effects on Growth, Yield and Water Use Efficiency of Tomato. Journal of Agricultural Science Agraarteadus 2 \* XXIX \* 115–120. DOI: [10.15159/jas.18.10](https://doi.org/10.15159/jas.18.10).
- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2017. Effect of Perlite on Reducing Water Stress for Three Genotypes of Tomatoes *Solanum lycopersicum* L. 1. Vegetative growth. J. Plant Production, Mansoura Univ. 9(1):153-157. [https://jpp.journals.ekb.eg/article\\_35274\\_fbffecc2cbb1d2e00a06eaac06f1d67.pdf](https://jpp.journals.ekb.eg/article_35274_fbffecc2cbb1d2e00a06eaac06f1d67.pdf).
- Aldulaimy, S. E. H. Al-Mehmdy, Sh. M. H., and Abood, M. A.** 2019. Evaluation of Used Exudative Irrigation Tubes and Drip irrigation For Some Soil Water Parameters and Consumptive Use of Cucumber. Iraqi Journal of Agricultural Sciences 49(5):180-130. DOI: [10.36103/ijas.v49i5.55](https://doi.org/10.36103/ijas.v49i5.55).
- Ahmed, U. A., Abood, M. A. Bader, B. R. and Hamad, A.E.** 2018. Effect of water stress and spray on Amino decanate of Eggplant plant *Solanum melongena* L. planted under the conditions of greenhouses. Tikrit Journal for Agricultural Sciences 18(Special issue ):113-123. <https://www.iasj.net/iasj/download/9842181b77b9f9dd>.

- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2018. Effect of Foliar Application of Tecamin Flower on Some Vegetative Growth Characters of Tomato Plant Under Water Stress Conditions. Syrian Journal of Agricultural Research 5(2):35-44. <http://agri-research-journal.net/sjar/wp-content/uploads/2018/07/v5n2p4.pdf>.
- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2018. Perlite affects some plant indicators and reduces water deficit in tomato. International Journal of Vegetable Science 24(5):490-500. [doi:10.1080/19315260.2018.1439853](https://doi.org/10.1080/19315260.2018.1439853).
- Alhamdany, S.A. Abood, M.A., and Al-Azzawi, M.E.A.** 2019. Effect of organic manure and plant density on yield of potato *solanum tuberosum* L. Fayoum J. Agric. Res,&Dev. 33(1B):80-89.
- Abdulkareem, A. M., Ali M. R, Mohamed A. H. and Mohamed A.A.**2019.Characteristics and Classification of Soil Potential For Agriculture in the Tash District Within the Dry Agricultural Zone in Anbar Province of Iraq. Plant Archives 19( 1): 859-869. [http://www.plantarchives.org/PDF%20SUPPLEMENT%202019/138\\_859-869 .pdf](http://www.plantarchives.org/PDF%20SUPPLEMENT%202019/138_859-869.pdf)
- Aldulaimy .S. E. H. Salman ,A. K. H., , Abood, M. A. A. and Hamdi, G.J.** 2019. Influence of Moisture Depletion and Surface Drip Irrigation Style on Some Soil Hydraulic Properties and Potato Crop. Journal of Agricultural Science Agraarteadus 2 \* XXIX \* :63-68. [DOI: 10.15159/jas.19.09](https://doi.org/10.15159/jas.19.09).
- Abood, M.A., Al-Shammari, A.M.A., and Hamdi, G.J.** 2019. Foliar Application of Tecamin Max® to Alleviate Water Deficit Effects On Yield and Water-Use Efficiency (WUE) of okra. Acta Sci. Pol. Hortorum Cultus, 18(2) :15–20. [DOI: 10.24326/asphc.2019.2.2](https://doi.org/10.24326/asphc.2019.2.2).
- Abood, M.A., Al-Shammari, A.M.A., and Hamdi, G.J.** 2018. Foliar application of Tecamin flower® to alleviate water deficit on vegetative growth and yield of tomato. International Journal of Vegetable Science 25(4):394-299. [doi: 10.1080/19315260.2018.1535463](https://doi.org/10.1080/19315260.2018.1535463).
- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2018. Foliar application of Tecamin max® to alleviate water deficit on vegetative growth and yield of okra. International Journal of Vegetable Science 25(3):278-284. [doi: 10.1080/19315260.2018.1509922](https://doi.org/10.1080/19315260.2018.1509922).
- Al-Mehmdy,Sh. M. H., Aldulaimy .S. E. H. and Aljanabi, M. A. A.** 2019. Impact of surface drip irrigation manners and allowed moisture depletion percent on potato growth and yield, International Journal of Vegetable Science, 25:5, 503-510, [DOI: 10.1080/19315260.2018.1547344](https://doi.org/10.1080/19315260.2018.1547344).
- Essa,N.H.,Anjal,S.A., and Abood,M.A.**2019. Effect of Variety and Spraying With Seaweed and Color of Plastic Cover on Growth and Yield of Potato (*Solanum tubersum* L.) on Autumn Lug. Journal of Agricultural, Environmental and Veterinary Sciences 3(4):1-17. <https://www.aisrp.com/journal/index.php/jaevs/article/view/2013/1921>.
- Al-Mehmdy,Sh. M. H., Abood, M. A., and Alkhateb, B.A.A.H.**2020. Performance Field Evaluation of Drip Irrigation Systems Under Conditions of the Desert Region in Western Iraq. Iraqi Journal of Agricultural Sciences 51(1):392-400. <http://jcoagri.uobaghdad.edu.iq/index.php/intro/article/view/938/702>.

- Bader,B.R., Abood,M.A., Aldulaimy .S. E. H., Al-Mehmdy ,Sh. M. H., and Hamdi, G.J.**2020.Effect of water deficit and foliar application of amino acids on growth and yield of eggplant irrigated by two drip systems under greenhouse conditions. Journal of Agricultural Science Agraarteadus 2 \* XXXI \* :131-138. <https://doi.org/10.15159/jas.20.20>.
- Sallume, M.O., Abood, M. A., Hamdi, G.J., and Sarheed,B.R.** 2020. Influence of foliar fertilization of amino decanate® on growth and yield of eggplant (*Solanum melongena*) under water stress condition. Research on Crops 21(3) :557-562. [DOI : 10.31830/2348-7542.2020.087](https://doi.org/10.31830/2348-7542.2020.087).
- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2020. Improvement in Production, Fruit Quality and Water Use Efficiency of Three Tomato Cultivars by Foliar Application of Tecamin Flower® Under Water Deficit Conditions. Journal of Central European Agriculture 21(2): 379-385.[DOI: /10.5513/JCEA01/21.2.2604](https://doi.org/10.5513/JCEA01/21.2.2604).
- Fahmi, A.H. Sallume, M.O.,Aswad,H.A.,Abdulrahman,A.L., and Hamdi, G.J., Abood, M. A.**2020. Interaction effect of potassium fertilizer, humic acid and irrigation intervals on growth and yield of wheat. Research on Crops 21(1) :31-35. [DOI : 10.31830/2348-7542.2020.005](https://doi.org/10.31830/2348-7542.2020.005).
- Fahmi,A. H., Mohammed, K.G., Al-Esawi, G.SH.E. and Abood,M.A.** 2020. Using of Automation in irrigation Management and Climatic conditions for Plant Production . Global Journal of Multidisciplinary Scientific Research 1(3):92-98. <https://drive.google.com/file/d/1rVOrbQS4SeQScY74ezlgftH5UZeHz7sO/view>.
- Issa,N. H. Anjel,S. A., and Abood, M. A.**2020. Effect of variety and spraying with seaweed and plastic cover on some vegetative growth properties and yield on autumn lug. Diyala Agricultural Sciences Journal 12(Special issue):121-135. <https://www.iasj.net/iasj/download/d7b671280c099492>.
- Bader,B.R., Taban, S.K., Fahmi, A.H., Abood, M. A., and Hamdi, G.J.**2021. Potassium availability in soil amended with organic matter and phosphorous fertiliser under water stress during maize (*Zea mays* L) growth. Journal of the Saudi Society of Agricultural Sciences 20(2021):390-394. <https://doi.org/10.1016/j.jssas.2021.04.006>.
- Gar, L.F., Bader,B.R., Al-Esawi,J.S.E., Abood, M. A., Sallume, M.O., and Hamdi, G.J.**2021. Response of onion growth and yield grown in soils of semi-arid regions to foliar application of iron under water stress conditions. Journal of Agricultural Science Agraarteadus 1 \* XXXII \* :35-40. <https://doi.org/10.15159/jas.21.06>.
- Sabri,S.M., Al-Hamdani,S.A. and Abood, M. A.** 2021. Effect of water stress, ascorbic acid and compost seek in the growth and yield of cabbage (*Brassica oleraceavar capitata* L.). Indian Journal of Ecology 48(18):
- Ahmed,U.A., Abood, M. A., and Najemalden, M.A.**2021. Quality Assessment of Groundwater Using Water Quality Index In and around Kirkuk city, Iraq. International journal of agricultural and statistical sciences 17(1):

- Ahmed,U.A., Fahmi, A.H., Abood, M. A., and Najemalden, M.A.**2021. Assessment of pollution and heavy metals hazards in Kirkuk city. International journal of agricultural and statistical sciences 17(1):
- Al-Mehmdy ,Sh. M. H., Gar, L.F., and Abood, M. A.**2021. Effect of irrigation uniformity values on water depths for center pivot sprinkler irrigation system. International journal of agricultural and statistical sciences 17(1):
- Ahmed,U.A., Abood, M. A., and Najemalden, M.A.**2021. Evaluation of Groundwater Wells of Kirkuk City in Kirkuk Governorate for Drinking, Irrigation and Industrial Uses. Indian journal of ecology 48 ( 13 Special Issue): 90-95.
- Aziz, A.F. and Abood, M.A.**2022. Reducing the Effect of Water Stress Using Potassium Sulfate and Nano-Calcium and its Relationship to Selected Parameter of Eggplant Crop Growth and Yield. Indian journal of ecology 48(19):
- Khudair, M.R. and Abood, M.A.**2022. Effect of Irrigation Intervals and Type of Fertilizer on Some Growth and Yield Parameters of Mung bean (*Vigna Radiata* L.) Under The Drip Irrigation System. Indian journal of ecology 48(19):
- Al-Zubaidi, M.S.K, Bader, B.R., AlAlawi, H.H, Abood, M.A., Al-Afraji,H.R.J. and Akram,Z.H.**2023. Effect of Adding Antisalinaline and Marine Algae on the Vegetative Growth Characteristics of Cauliflower, Mica Cultivar. RevistaBionatura 2(87):1-5. [DOI. 10.21931/RB/2023.08.02.87](https://doi.org/10.21931/RB/2023.08.02.87)
- Hadi,T.S., Dawood,W.M.,Abood,M.A.**2023. Effect of cutting irrigation at different stages of growth and spraying with bitter melon extract on some vegetative qualities of two varieties of *Zea mays* L. Modern Phytomorphology 17: 89-97. DOI: [10.5281/zenodo.2023-17-200121](https://doi.org/10.5281/zenodo.2023-17-200121)
- Al-Mehmdy ,Sh. M. H., Gar, L.F., and Abood, M.A.**2023. Calculation of Evaporation Losses for Center Pivot Sprinkler Irrigation Systems Type (Lindsay) by Effect of Timer Percentage of Speed and the Increase of Sprayer Nozzles from Soil Surface. IOP Conf. Series: Earth and Environmental Science 1222 (2023) 012021:(1-10). [doi:10.1088/1755-1315/1222/1/012021](https://doi.org/10.1088/1755-1315/1222/1/012021)
- Al-Zubaidi, M.S.K, Bader, B.R., Al-Afraji,H.R.J, and Abood, M.A., .**2023. Effect of Anti saline Addition and Humic Acid Spraying on the Vegetative Growth of Cauliflower of Nahar Cultivar. Journal of Survey in Fisheries Sciences 10(3S): 1717-1724. <https://sifisheriessciences.com/journal/index.php/journal/article/view/608/591>
- Faleh,S.T., Abood, M.A., and Fahmi, A.H.**2023. The Role of Biochar and Perlite in Improving some Physical Properties of Clay Loam and Sandy Loam Soil. IOP Conf. Series: Earth and Environmental Science 1259 (2023) 012020: (1-8). [doi:10.1088/1755-1315/1259/1/012020](https://doi.org/10.1088/1755-1315/1259/1/012020)
- Faleh,S.T., Fahmi, A.H., and Abood, M.A.**2023. The Role of Biochar and Perlite in Improving some Chemical Properties of Clay Loam Soil and Sandy Loam Soil. IOP Conf. Series: Earth and Environmental Science 1262 (2023) 082011. [doi:10.1088/1755-1315/1262/8/082011](https://doi.org/10.1088/1755-1315/1262/8/082011)
- Alwan,Y.A.H., Abood, M.A., and Mohammed H.A.**2023. Effect of Zeolite and Silica Gel in Regulating the water Requirement of Cabbage and Their Effect on some Physical Properties of the Soil. IOP Conf. Series: Earth and Environmental Science 1262 (2023) 082015. [doi:10.1088/1755-1315/1262/8/082015](https://doi.org/10.1088/1755-1315/1262/8/082015)

Alwan, Y.A.H., Abood, M.A., and Mohammed H.A. 2023. Rationalization of the Water Requirement of the Cabbage Crop by Using Zeolite and Silica Gel and Their Effect on some Water Parameters of the Leaves of the Cabbage Crop. IOP Conf. Series: Earth and Environmental Science 1262 (2023) 082018. [doi:10.1088/1755-1315/1262/8/082018](https://doi.org/10.1088/1755-1315/1262/8/082018)

### Membership of scientific organization (local and international)

No.	Name of organization	Local / international	Date of affiliation	Member / Termination of membership	Notes
1	Agricultural Engineers Association	Local	2002	Still a member	
2	Teachers Syndicate, Diyala Branch	Local	2014	Still a member	
3	Society of Soil Sciences	Local	2016	Still a member	

### Innovations or activities in which he received (awards or certificates / thanks books)

No.	Type of creativity or activity	What he got (Award / Certificate of appreciation / Thank you books)	Donor	Title of activity or creativity	Year
1	Patented	Completed	Ministry of Planning / Central Organization for Standardization and Quality Control / Industrial Property Section	Manufacture of distilled water according to the principle of self-cooling pots	2014
2	Patented	Completed	Ministry of Planning / Central Organization for	Manufacture of water distilled water	2015

			Standardization and Quality Control / Industrial Property Section	recycling method using heat exchanger (radiator) and thermal sensor	
3	Industrial model	Completed	Ministry of Planning / Central Organization for Standardization and Quality Control / Industrial Property Section	Water level monitoring device in household tanks based on ultrasound principle	2018
4	Industrial model	Completed	Ministry of Planning / Central Organization for Standardization and Quality Control / Industrial Property Section	An electronic measuring machine to measure the height of plants in the field based on the principle of ultrasound	2019
5	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2008
6	Member of the Preparatory Committee	Thanks	President of Diyala University	Member of the Preparatory Committee	2009
7	Dedicate magenta to the College of Education for pure sciences	Thanks	Dean of the College of Education for Pure Sciences	Give a magnetization device	2009
8	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2010
9	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2011

10	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2012
11	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2012
12	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2012
13	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2012
14	Participation in scientific symposium	Thanks	President of Diyala University	Participation in scientific symposium	2013
15	Member of the Preparatory Committee	Thanks	President of Diyala University	Member of the Preparatory Committee	2013
16	Participation in scientific symposium	Certificate	Dean of the college of Science	Participation in scientific symposium	2013
17	Good job performance	Certificate	Dean of College of Agriculture	Member of the Preparatory Committee	2013
18	The importance of scientific achievement	Thanks	The minister of education	The importance of scientific achievement	2014
19	Good job performance	Thanks	President of Diyala University	Member of the Examinations Committee	2014
20	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2014
21	Member of the Examinations Committee	Thanks	Dean of College of Agriculture	Member of the Examinations Committee	2015

22	A scientific exhibition	Thanks	Dean of College of Agriculture	A scientific exhibition	2015
23	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2015
24	Donate lectures outside the quorum	Thanks	Dean of College of Agriculture	Jobs activities	2015
25	Member of the Examinations Committee	Thanks	Dean of College of Agriculture	Member of the Examinations Committee	2015
26	summer training	Thanks	Dean of College of Agriculture	summer training	2015
27	Maintenance of electrical installations	Thanks	Dean of College of Agriculture	Jobs activities	2015
28	Maintenance of seats	Thanks	Dean of College of Agriculture	Jobs activities	2015
29	summer training	Thanks	Dean of College of Agriculture	summer training	2018
30	Good job performance	Thanks	Dean of College of Agriculture	Jobs activities	2019

### Authoring and Translation:

No.	Book Title	Name of Publishing House	Year of Publication	Number of editions	Methodological / non-systematic
			None		

### Speak Languages:

- 1- Arabic
- 2- English



Contributions to community service:

Preparing a study on combating desertification in Diyala governorate in cooperation with Diyala Governorate Environment Directorate.

Other Activities: None

#### Links to my scientific websites at the university

Links	Web site name	sequence
<a href="https://www.scopus.com/authid/detail.uri?authorId=57204852206">https://www.scopus.com/authid/detail.uri?authorId=57204852206</a>	SCOPUS ID	1
<a href="https://scholar.google.com/citations?hl=ar&amp;user=SEywVvkAAAAJ">https://scholar.google.com/citations?hl=ar&amp;user=SEywVvkAAAAJ</a>	GOOGLE SCHOLAR	2
<a href="https://www.researchgate.net/profile/Mohammed-Abood">https://www.researchgate.net/profile/Mohammed-Abood</a>	RESEARCH GATE	3
<a href="https://orcid.org/0000-0002-3664-5930">https://orcid.org/0000-0002-3664-5930</a>	ORCID	4
4	H-INDEX	5
<a href="https://www.impactio.com/researcher/MohammedAliAbood">https://www.impactio.com/researcher/MohammedAliAbood</a>	impactio	6
<a href="https://www.linkedin.com/in/dr-mohammed-ali-abood-611594103">https://www.linkedin.com/in/dr-mohammed-ali-abood-611594103</a>	linkedin	7
<a href="https://www.webofscience.com/wos/author/record/JXL-2308-2024">https://www.webofscience.com/wos/author/record/JXL-2308-2024</a>	Web of science	8