

Curriculum Vitae

Personnel Details

Full name: Ashraf Omar Khashroum

Nationality: Jordanian

Address: Irbid/ Al-Huson

Languages: Arabic, English and Russian



Working place:

- (1) Part-time lecturer : Faculty of Agriculture, Jerash University, Jordan (Sept, 2007- Sept 2008)
- (2) Assistant Professor: Faculty of Agriculture, Jerash University, Jordan (Oct, 2008- August, 2013)
- (3) Research-fellowship: Faculty of Agriculture, Florida state university (Sept, 2013 June, 2014)
- (4) Associate Prof. in Department of Plant Production and Protection / Faculty of Agriculture/ University of Jerash. (April, 2017 till now)

E mail: askshb@yahoo.com

Research Gate: <https://www.researchgate.net/profile/Ashraf-Khashroum>

Google scholar: <https://scholar.google.com/citations?hl=ar&user=Thy3eEEAAAAJ>

University Degree:

BSC: B. Sc. in Plant Production and Protection/ College of Agriculture / University of Tikrit/ Iraq (1997).

PhD (Environment and Soil Science): National Academy of Science of the Kyrgyz Republic/ Biology and Soil Institute Dissertation title: "Eco-microbial and Physicochemical Description of Soils in Issy kKul Area" (2005).

Bachelor (Pharmacy): Al- Balqa' Applied University (BAU) (2019).

Thesis Title: Ecobiological and Physicochemical Description of Soils in Issyk Kul Area.

Specialization: Environment/ Soil

<i>Qualification</i>	<i>University</i>	<i>Grade</i>	<i>Graduation year PhD</i>
(Environment and Soil Science)	National Academy of Science of the Kyrgyz Republic/ Biology and Soil Institute Dissertation title: “Eco-microbial and Physiochemical Description of Soils in Issy kKul Area”	Excellent	2005
Bachelor (plant production and protection)	University of Tikrit , Iraq	Good	1997
Bachelor (Pharmacy)	Al- Balqa' Applied University (BAU)	Good	2019

Courses of Graduated and Post Graduated Taught by Me

Full responsibility on delivering material and evaluating students in the following courses:

1. Principles of soil science.
 2. Environment and agriculture.
 3. Irrigation system and techniques.
 4. Soil fertility and fertilizers.
 5. Beekeeping.
 6. Forestry science.
 7. Principles of plant production.
 8. Organic Agriculture.
 9. Field training in plant production and protection.
- Supervision of student's graduation projects.
 - Supervision of the Soil and Irrigation lab

Faculty Development

Global warming and its effects on agriculture	April, 2012	Planner and Participant
Agricultural and food security	2011	Participant
Designing of irrigation systems	2010	Participant

Awards Winning Projects

<i>Project</i>	<i>Period</i>	<i>Position</i>
King Abdullah II Fund for Development (KAJD) Award (Study of using hydroponics in Jordan Valley) project#1	2017-2018	Leader and Planner
King Abdullah II Fund for Development (KAJD) Award (Fish farming techniques in integrated plant aquaculture) project#2	2018 till now	Leader and Planner

Publications

1. Heavy Metals Residues in Fish Meat: Review. University of Thi-Qar Journal of agricultural research Thi-Qar Journal of agricultural research. ISSN Onlin:2708-9347, ISSN Print: 2708-9339 Volume 13, Issue 2 (2024) PP 115-126
2. Climate change effect on the characteristics of raw domestic wastewater, sedimentation pond water, and treated wastewater. Tikrit Journal for Agricultural Sciences (2024) 24 (2): 246-259. (Scopus).
3. Levels of expression of Hsp70 and iNOS and effect of Artemisia Sieberi (A. herba-alba) on Activity of Hypothalamic-Pituitary-Thyroid (HPT) Axis in Diabetic Rats. Biomedical and Pharmacology Journal, Vol.17 . No. 2.P. 999-1008 (2024) (Scopus).
1. Household Food Insecurity and Nutritional Status of Pre- School Children Following Relaxation of COVID-19 Restrictions. Journal of Xi'an Shiyou University, Natural Science Edition, (2023) (Scopus).
2. Effect of Pharmacist Counseling on Patient Medication Compliance And Helicobacter Pylori Eradication Among Jordanian Outpatients, Arquivos de Gastroenterologia, 2023.
3. Ashraf Omar Khashroum (2022). Impact of Climate Change and Dry-Salting Preservation on Histamine Levels in Three Marine Fish Species, Jordan Journal of Agricultural Sciences, Volume 18, No.1 2022 DOI: <https://doi.org/10.35516/jjas.v18i1.104>. (scopus)
4. Comparison between Ibuprofen Nanoparticles and Suspension Ibuprofen Regarding GIT Side Effects, Latin American Journal of Pharmacy, (2022).
5. Evaluation of Prevalence of Fatigue among Jordanian University Students and its Relation to COVID-19 Quarantine , Open Access Macedonian Journal of Medical Sciences, (2022).
6. Ali Alsarhan, Naznin Sultana, Lee Suan CHUA, Ashraf O. Khashroom, Mohammad Hailat, Wael Abu Dayyih, Lina Nasser AlTamimi, Zainab Zakaraya, Aseel Aburumman, Riad M. Awad (2022). Antidiabetic Effect of Aqueous Extract of Orthosiphon Stamineus Benth on Alloxan-Induced Diabetic Rats, Sapporo Medical Journal (In publishing).
7. Ali Alsarhan, Aiman A Shoiab, Ashraf Khashroum. (2022). Effect of Pharmacist Counselling on Abidance of Patients By Medication and on Helicobacter Pylori Eradication Among Jordanian Outpatients.
8. Fakhar Islam, Farhan Saeed, Muhammad Afzaa, Aftab Ahmad, Muzzamal Hussain, Muhammad Armghan Khalid, Shamaail A. Saewan, and| Ashraf O. Khashroum. (2022). Applications of green technologies-based approaches for food safety enhancement: A comprehensive review, Food Sci Nutr. 2022; 00:1–13. DOI: 10.1002/fsn3.2915. (Scopus/ Q1).
9. Farhan Saeed, Muhammad Afzaal, Yasir Abbas Shah, Mujahid Hassan Khan, Muzzamal Hussain,| Ali Ikram, Huda Ateeq, Muhammad Noman, Shamaail A. Saewan, and Ashraf O. Khashroum. (2022). Miso: A traditional nutritious & health-endorsing fermented product, Food Sci Nutr. 2022;00:1–9. DOI: 10.1002/fsn3.3029. (Scopus/ Q1).
10. Climate change effect on the characteristics of raw domestic wastewater, sedimentation pond water, and treated wastewater, Bulletin of Environment, Pharmacology and Life Sciences [BEPLS], 2021
11. Isbah Khalid, Farhan Saeed, Muhammad Afzaal, Bushra Niaz, Huda Ateeq, Muzzamal Hussain, Amara Rasheed, Entessar Al Jbawi, and Ashraf O. Khashroum. Isolation and characterization of arabinoxylans from wheat and maize bran in 2 relation to their end use perspectives. (International Journal of Food Properties (In publishing). (Scopus/ Q1).
12. Shamaail A. Saewan , Saher S. George and Ashraf O. Khashroom (2020). Environmental Pollution and its Effect on Quality of the Bottled and Non-bottled Drinking Water, (A Review) Arab Journal of Food and Nutrition, Vol. (47): 21-34. (2020).
13. Ashraf O. Khashroom (2020). Effect of Addition of Olive Mill Wastewater (OMW) on Wheat and Physical and Chemical Properties of Soil in the Area of Jerash University. Bull. Env.

- Pharmacol. Life Sci., Bulletin of Environment, Pharmacology and Life Sciences Bull. Env. Pharmacol. Life Sci., 9 (7) : 46-52.
14. Chemical and Microbial Environmental Contaminants in Fruits and Vegetables and their Effects on Health: A Mini Review, IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT), (2019)
 15. Ahmad A. Obeidat ,Hani J. Hamad, Shamaail A. Saewan and Ashraf O. Khashroom (2019). Iron Bioavailability, Deficiency and its Consequences in Infants and Children: State of the Art. Bull. Env. Pharmacol. Life Sci. 8(8):129-138.
 16. Ashraf O. Khashroom ,Shamaail A. Saewan , Saher S. George , Hani J. Hamad (2019) . Chemical and Microbial Environmental Contaminants in Fruits and Vegetables and their Effects on Health: A Mini Review." IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) 13(4):70-76.
 17. Mohammad H. Brake, Hassan R. Hamasha , Hussein M. Migdadi Ashraf O. Khashroom ,Moath Al-Gharaibeh, Muien M. Qaryouti ,Mahmoud T. AL-Khatib (2017). Influence of Storage Temperature and Duration of Tomato Leaf Samples on Proline Content. European Scientific Journal, vol.13, No.6
 18. Ashraf Khashroum, Mohammed Ibrahim, Ebraheem Al-Tahat, Khaled Alqadi, Saleh A-Shdiefat, Mohammad Al-Alawneh (2016). Probable Accumulation of Heavy Metals in Some Long-Term Irrigated Soils with Zarga River Water in Jordan . Journal of Natural Sciences Research.
 19. Ashraf Khashroum (2016).The Impact of Land Use and Land Cover Changes on the Underground Water Quality of the Amman, Zarqa and Balqa Regions in Jordan. American-Eurasian J. Agric. & Environ. Sci.
 20. Ashraf Khashroum. Effect of Different Levels of Saline Water on Tomato Production Under Saline Soil Condition. Journal of Biology, Agriculture and Healthcare, (2016)
 21. Hani Hamad, Ahmad Gharaibeh, Motasem Al-Masad, Ahmad Al-Momani, Wasfy Hamad, Ashraf Khashroum. Comparison Between the Effects of Different Sources of Dietary Fiber on Blood Lipid Profile in Rats. Journal of Biology, Agriculture and Healthcare. (2016)
 22. Hani Hamad, Ashraf Khashroum, Bassam Aldeseit (2016). Nutritional and Health Outcomes of Household Food Insecurity (HFIS). Journal of Biology, Agriculture and Healthcare.
 23. Hani Hamad & Ashraf Khashroum (2016). Household Food Insecurity (HFIS): Definitions, Measurements, Socio-Demographic and Economic Aspects. Journal of Natural Sciences Research.
 24. Motasem AL-Massad, Ramadan Al-Shdefat and Ashraf Khashroum (2011).The Effects of Microbial Phytase and Dietary Calcium Level on the Performance and Eggshell Quality in Laying Hens Fed Marginal Phosphorus Diets. Asian Journal of Animal Sciences, 5: 118-126.
 25. Khalaf Alhussaen, Emad Hussein, Khalid Al-Batayneh, Mahmoud Al-Khatib, Wesam Al Khateeb, Jacob Jacob, Mohamad Shatnawi, Ashraf Khashroum and Mohamed Hegazy (2011). Identification and Controlling Pythium sp. Infecting Tomato Seedlings Cultivated in Jordan Valley using Garlic Extract . Asian Journal of Plant Pathology, 5(2): 84-92.
 26. Ashraf Omar Kashroum, B.A. Mamytova. The analysis of classification soils Jordan and its separate area Dead sea, - Agriculture Engineering Association // Jordan, Amman, (2004). - № 78. - p. 66-67.
 27. Ashraf Omar Kashroum, D.A. Mamytova. Condition of a level of scrutiny of a problem and natural-agricultural division into districts in territory of Kyrgyzstan, - Agriculture Engineering Association // Jordan, Amman, (2004). - № 78. - p. 67-68.

In addition to six published articles (written in Russian, were published during PhD) about ecology in general, pollution, soil-chemistry in different science Journals produced by high scientific science institutes in Kyrgyzstan:

- 1.Б.А. Мамытова, ХашрумАшрафОмар. Сохранение и рациональное использование природных ресурсов Иссык-Куля//ТВ материалах научных чтений, посвященных 75-летию академика А.М. Мамытова. - Бишкек. - БГУ. – 2002. - С. 17-28.

2. Б.А. Мамытова, Г.А. Мамытова, ХашрумАшрафОмар. Влияние эрозии на плодородие почв Исык-Кульской котловины (биосферной территории "Исык-Көл") // Известия вузов НАН КР - Бишкек, Издательский центр МОК "Технология", **2002** - № 3-4. - С. 75-81.
3. Б.А. Мамытова, ХашрумАшрафОмар. Почвы "Биосферной территории Исык-Көл" // Вестник КРСУ. – Бишкек: Издательство КРСУ, **2004**. - № 1 – С. 119- 122.
4. ХашрумАшрафОмар. Мертвое море – уникальная биосферная территория Иордании // Вестник КРСУ. – Бишкек: Издательство КРСУ, **2004**. - № 1 – С. 123-128.
5. Б.А. Мамытова, ХашрумАшрафОмар. Биологическая активность земледельческих и лесных почв биосферной территории "Исык-Көл" и их плодородие // Известия вузов. – Бишкек, **2004** - № 1.- С. 94-97.
6. Б.А. Мамытова, ХашрумАшрафОмар. // А.М. Мамытов – основоположник горного почвоведения // Известия НАН КР. 2004, № 3, часть II, Бишкек: «Илим», – **2004**. - С. 83-86.

Scientific and Professional Activities

1. The 1st Agricultural Scientific Conference of the Faculty of Agriculture “Agricultural production in the Arab world between reality and ambition”. Held at Faculty of Agriculture, Jerash University, Jerash, Jordan. (**24-26/06/2014**, Participant).
2. The 6th International Medical Conference of the Jordanian Medical Association, Irbid, Jordan. Assessment of Healthy Dietary Behaviors of School Children and Adolescents in Rural Areas: A Nutritional Survey (**22-24/03/2017**, Participant).
3. The 8th International Scientific Congress of Irbid Medical Association, **24-26 of April, 2019/ Jordan Medical Association, Irbid, Jordan.**
4. The 2nd International Scientific Conference (Food Security and Sustainable Agriculture during Climate Change). **28-30 of April, 2019, Faculty of Agriculture and Science, Jerash University, Jerash, Jordan.**
5. The "7th session of the annual Arab Forum for Scientific Research and Sustainable Development". 17-19 December 2019, Organized by The Arab Organization for Education, Culture and Science, Amman, Jordan.
6. The 9th International Scientific Congress of Irbid Medical Association, **25-28 of November, 2020/ Jordan Medical Association, Irbid, Jordan.**
7. A member of editorial board, **Tikrit Journal of Agricultural Sciences (TJAS) University of Tikrit. 6th of June, 2024/ Iraq.**
8. Writer in the **Food Journal** issued by Arab Health and Development Corporation (**AHDO**) Cairo/ Egypt since 2021.
9. Letter of thanks for participating in the Artificial Intelligence Conference: The Link in the Water, Energy, Food and Environment System, 14-15 October 2024, Amman, Jordan.
10. Certificate of participation in the Fifth International Scientific Conference on Agricultural Sciences, College of Agriculture, University of Basra, November 27-28, 2024 Iraq.