



Curriculum Vitae

Contact:

Dr. Montaser Khairie Khessro

College of Agriculture and Forestry, University of Mosul, Mosul, Ninawa, Iraq.

Phone: +964 770 163 16 15  , 

E-mail address: montaser.hussain@uomosul.edu.iq

ORCID ID: <https://orcid.org/0000-0003-1075-2022>

Scopus Author ID: [57580669200](https://orcid.org/0000-0003-1075-2022)



Education:

| | Specialization | Graduation year | University |
|---------------|--|-----------------|--|
| B. Sc. | Agricultural Mechanization | 2002 | Mosul University/ College of Agriculture and Forestry, Iraq |
| M.Sc. | Agricultural Mechanization | 2005 | Mosul University/ College of Agriculture and Forestry, Iraq |
| Ph.D. | Mechanization of Agricultural Production | 2016 | Kharkiv Petro Vasylenko National Technical University of Agriculture, Kharkiv, Ukraine |

Languages:

- Arabic: Mother Tongue
- English: Intermediate.
- Russian: Intermediate.
- Ukrainian: Beginner.

Computer Skills:

- Microsoft Word, Microsoft Excel, Microsoft PowerPoint.
- Adobe Photoshop, SolidWorks, and others.
- Using Statistical App: SAS system, Minitab, and others.
- Using online App: ZOOM, Google Meet, Microsoft teams, FCC, and others.
- Using Blynk App for IoT.
- Using KoBoToolbox, Google Form, and Google Sheets.
- Others.

Areas of Interest

- Agricultural Automation
- Precision Agriculture and Greenhouse Environment control.
- Drip irrigation uses renewable energy (modern irrigation systems based on solar energy).
- Post-harvest equipment (Grains Cleaning and Grading).

International Certificates as a participant:

- “**How to create an online Course**” Training by (AUF) and French Embassy in Iraq: from 1 - 5 July 2019, Beirut, Lebanon.
- “**Mediation and Distance Tutoring**” Training by (AUF) and French Embassy in Iraq: from 9 - 13 February 2020, Alexandria, Egypt.

- **“Job Readiness Training of Trainers (ToT)”** Training by Cinop & Cordaid in cooperation with the German Agency for International Cooperation and Development, on 4th Apr 2021, Mosul, Iraq.
- **“Design and Management of a MOOC”** Training by (AUF) and French Embassy in Iraq: from 12 - 16 July 2021, Beirut, Lebanon.
- **“Protected Horticulture & Post-Harvest”** online training as part of the OKP-TMT+.19/00076. funded by Nuffic, Wageningen UR FBR & Greenhouse Horticulture, The Netherlands, 14, 16,22 & 23rd Jun 2021.
- **“Making Education Work”** (transforming education for youth employment in the Agri-sector), an online training course by ICRA, September – December 2021, Wageningen, Netherland.
- **“University Management”** Virtual Training Course from the University of Évora, in the framework of the Training of Trainers (ToT) of the INSPIRE project, 40 hours, from 20 Dec 2021 to 21 Jan 2022, PROJECT NUMBER: 598790 - EPP -1-2018 -1 -IT -EPPKA2 -CBHE – SP, Co-funded by the Erasmus+ Programme of the European Union.
- **“Professional communication”** webinar by The Francophonie University Agency (AUF) and The Challenge to Change (C2C) association. 28th Feb 2022, Beirut, Lebanon.
- **“Solar Irrigation Systems”** Workshop organized by Agence Francaise De Developpement (AFD), Triangle Génération Humanitaire (TGH), and University of Mosul, 14th March 2022, Mosul, Iraq.

Certificates as Trainer:

- **“Using laser leveling in agriculture”** Short Training course at Agricultural Extension and Training Department/Ministry of Agriculture for workers in the agri-sector, 1-5 Sep 2019, Mosul, Iraq.
- Workshop-Course for Greenhouse Project Beneficiaries at University of Mosul under WFP funded project **“Enhancing Livelihood Resilience and Food Security for Conflicted-Affected Population in Ninewa”** 28-30 Jan 2020 (theoretical sessions) and 2nd Feb (practical session) 2020.
- **“The Automation in Agricultural Processes”** online training course for the College of Agriculture staff and Workers in the Agri-sector and those interested in it, 29th Nov - 02nd Dec 2020, Mosul, Iraq.

Master's thesis done under my supervision.

- Al-Qaissy, Mahmood M. J. (2020) “A study of some environmental and economic indicators of an automated greenhouse in comparison with the traditional ones when growing cucumbers (*Cucumis sativus* L.)” M.Sc. Thesis in Agricultural Machinery and Equipment, College of Agriculture and Forestry, University of Mosul.
- Altukondy, Othman A. M. (2022). “Studying the effects of the environmental homogeneity inside greenhouses on growth characteristics and total yield of cucumber

crop (*Cucumis sativus* L.)” M.Sc. Thesis in Agricultural Machinery and Equipment, College of Agriculture and Forestry, University of Mosul.

- Al-Zebari, Abdulkhaliq A. M. (2022). “Effect of covering, spraying with gibberellic acid and the type of compound fertilizer NPK on the growth and flowering of *Rosa damascena* Mill. Sultani variety” M.Sc. Thesis in Horticulture Science and Landscape Design, College of Agriculture and Forestry, University of Mosul.

Publications:

1. Mahmmod, Z. A., **Hussain, M. K.**, Amin, A. M., & Abdullah, A. A. (2010). Comparison of the tractor field performance during tillage with disk plow vertical by using biodiesel fuel and conventional diesel fuel. *Journal Of Kirkuk University For Agricultural Sciences*, 1(2).
2. Zavgorodniy, A. I., & **Khessro, M.** (2013). Periodic Vibro-impact mode of motion of a spherical particle along a hyperbola arc. *Bulletin of the Kharkiv National Technical University of the State of Agriculture named after Peter Vasilenko*, (143), 194-203.
3. Zavgorodniy, A. I., Obykhvost, A. V., & **Khessro, M.** (2014). Periodic Vibro-impact mode of motion of a spherical particle along an arc of a compound curve. *Bulletin of the Kharkiv National Technical University of the State of Agriculture named after Peter Vasilenko*, (145), 123-130.
4. Zavgorodniy, A. I., Sheptur, A. A., **Khessro, M. Kh.**, & Obykhvost, A. V. (2015). Results of studies on improving the sowing qualities of pea seeds. *Bulletin of the Kharkiv National Technical University named after Peter Vasilenko*, (156), 76-80.
5. Zavgorodniy, A. I., & **Khessro, M.** (2015). Determining the rational intensity of oscillations of the working bodies of the Vibro-separator of grain mixtures. *Environmental Engineering*, (1), 34-39.
6. Jameel, M. M., **Khessro, M. K.**, & AL-Bayati, H. J. (2021). Effect traditional greenhouse (high tunnel) in the characteristics of growth and yield of the cucumber. *Plant Archives*, 21(1), 781-784.
7. Hilal, Y. Y., **Khessro, M. K.**, van Dam, J., & Mahdi, K. (2022). Automatic Water Control System and Environment Sensors in a Greenhouse. *Water*, 14(7), 1166.

Positions and other Activities:

- Assist Director of the Agricultural Machinery and Equipment Department for 2016-2017.
- Director of the Quality Assurance and Performance Evaluation Division for 2017-2021.
- University of Mosul E-learning trainers team member since 2019.
- Director of the e-learning unit at the College of Agriculture and Forestry from 2021 until now.
- Panel member for (4) master's students' discussions of Agricultural mechanization and equipment.
- Received (9) appreciation letters from the President of the University of Mosul.
- Received (18) appreciation letters from the college of agriculture and forestry dean.