

Academic Curriculum Vitae



Personal Information:

Full Name: Pakhshan Mustafa Maulood

Academic Title: Assistant Professor

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Education:

- Ph.D. (2020) in Plant Ecophysiology, Salahaddin University- Erbil, Iraq. The title of the Dissertation is (Effect of Environmental Conditions on Quality and Quantity of Walnut Tree (*Juglans regia* L.) in Erbil Province.
- 1996-1997: M.Sc. in Plant Nutrition Biology department, Salahaddin University- Erbil, Iraq. The title of the Thesis is (Effect of dosage and time of urea application and percent of available water depleted on ammonia volatilization and corn growth).
- 1987-1991: (B.Sc. in Biology). Biology Department, Salahaddin University- Erbil, Iraq.
- Attained Scientific degree Assistant Prof. in 2012.

Employment:

- 6-3-2012 Assist. Prof. of Plant Nutrition (Plant Physiology), Department of Biology, College of Science/ University of Salahaddin, Erbil, IRAQ.
- 23-2-2008 Lecturer of Plant Nutrition, Department of Biology, College of Science/ University of Salahaddin, Erbil, IRAQ.
- 29-11-1997 Assist. Lecturer of Plant Nutrition, Department of Biology, College of Science/ University of Salahaddin, Erbil, IRAQ.

Qualifications

- Teaching qualifications
- IT qualifications
- Language qualifications such as TOEFL, IELTS or any equivalent

- Any professional qualification
- You could put any professional courses you have attended

Teaching experience:

- Plant Physiology
- Botany
- General Biology
- Plant Ecophysiology
- Topics in Advanced Biology
- Plant Anatomy
- Plant Taxonomy
- Cell Biology
- Courses, training, lab supervision, etc.,

Research and publications

- 1- Esmail, A.U.; Maulood, P.M. and Shekha, Y.A. (2007). Evaluate Kasnazan impoundment water for irrigation purposes. J. of Education and Science – Mosul University. Vol.18(2): 47-55.
- 2- Maulood, P.M. (2008). Effect of Kasnazan impoundment and wellwater in chemical properties of soil and plant. Mesopotamia J. of Agriculture. Mosul Univ. 36(2): 12-23.
- 3- Maulood, P.M. (2010). Effect of nitrogen levels and water stress on the yield and quality of two cultivars of wheat (*Triticum aestivum* L.). J. of Duhok University. 13 (1): 180-188.
- 4- Maulood, P.M. (2010). Effect of Levels of Nitrogen, Irrigation, and Wheat Cultivars on Growth, Yield and Chemical Composition of Wheat (*Triticum aestivum* L.). Zanco J. for Pure and Applied Science. 22(4):
- 5- Ali, K.A. and Maulood, P.M. (2011). The allelopathic effect of different species of grapevine berries aqueous extracts on some germination parameters of lettuce (*Lactuca sativa* L.) seeds. International Journal of Biosciences. 1(6): 70-80.
- 6- Maulood, P.M. and Amin, S.A. (2012). The allelopathic Effect of Dill Plant (*Anethum graveolens* L.) Residues on the Growth and Chemical Content of Two Types of Barley (*Hordeum vulgare* L.) Cultivars. Rafidain Journal of Science. 23(3):1-12.
- 7- Maulood, P.M.; Esmail, A.U.; Dohuki, M.S.; Darwesh, D.A. (2012). Comparison between calcimetric and titrimetric methods for calcium carbonate determination. Open Journal of Soil Science. 2: 263-268.
- 8- Darwesh, D.A.; Maulood, P.M. and Amin, S.A. (2013). Effect of Phosphorus Fertilizers on Growth and Physiological Phosphorus Use Efficiency of Three Soy Bean Cultivars. Journal of Agriculture and Veterinary Science. 3(6): 32-36.

- 9- Ali, K.A.; Maulood, P.M. and Amin, S.A. (2013). The allelopathic effect of aqueous extract of dill (*Anethum graveolens* L.) on soft wheat (some germination and growth characteristics). Journal of Kirkuk University.
- 10- Amin, S.A.; Fathullah, C.N. and Maulood, P.M. (2015). Morphological and anatomical responses of four wheat cultivars to water stress. Zanco J. of Pure and Applied Science. 27(3): 41-48.
- 11- Shekha, Y.A.; Maulood, P.M.; Sadraddin, Z.A. and Khalifa, M.H. (2018). Phytotoxicity of sewagewater and leachate of solid waste on seed germination and seedling growth of *Vicia faba* L. (Faba bean). ZJPAS (2019), 31(2);65-70.
- 12- Darwesh, D.A. and Maulood, P.M. (2020). Soil Quality Index Models for Assessing Walnut Orchards in Northern Erbil Province, Iraq. Polish J. Environmental Studies. 29(2):1275-1285.
- 13- Darwesh, D.A. and Maulood, P.M. (2020). Nutrient imbalance diagnosis in walnut orchards by using DRIS and PCA Approaches in the northern part of Erbil governorate-Iraq. Zanco J. of Pure and Applied Science. 32(6):14-24.
- 14- Maulood, P.M. (2022). Determination of Organic Matter by Using Titrimetric and Loss on Ignition Methods for Northern Iraqi Governorates Soils. Al-Nahrain Journal of Science. 25(3): 1-7.
- 15- Kawa A. Ali; Pakhshan M. Maulood; Shireen A. Amin; Yadi Omer Mustafa Al- Barzingy and Yahya A. Shekha. (2023). The Allelopathic Potential of Some Lower Plants on Growth, and Yield of Wheat Plants. International Collaborative Conference of Modern Agricultural Technologies (ICCMAT 3-4 May 2023). Earth and Environmental Science. Accepted for publication.

Conferences and courses attended

- 1- Esmail, A.U.; Maulood, P.M. and Shekha, Y.A. (2007). Evaluate Kasnazan impoundment water for irrigation purposes. J. of Education and Science – Mosul University. Vol.18(2):47-55. 1st Scientific Conference for Biological Science- College of Education –Mosul University. Sept. 2007.
- 2- The 1st Conference of Biological Science. College of Science. University of Kirkuk. April 20-21, 2011.
- 3- Maulood, P.M. (2010). Effect of nitrogen levels and water stress on the yield and quality of two cultivars of wheat (*Triticum aestivum* L.). The 3rd Kurdistan Conference on Biological Sciences. University of Duhok. 4-6 May 2010.
- 4- 1st Environmental Conference. Environmental Committee of Kurdistan Region. 5-6 June 2013. Erbil-Iraq.
- 5- Ali, K.A.; Maulood, P.M. and Amin, S.A. (2013). The allelopathic effect of aqueous extract of dill (*Anethum graveolens* L.) on soft wheat (some germination and growth characteristics). 2nd

International Scientific Conference for Agriculture Researches, Kirkuk University, 30-31-10-2013

6- 4th International Scientific Conference of Cihan University-Erbil on Biological Science. 26-27 April 2017.

7- Kawa A. Ali; Pakhshan M. Maulood; Shireen A. Amin; Yadi Omer Mustafa Al- Barzingy and Yahya A. Shekha. (2023). The Allelopathic Potential of Some Lower Plants on Growth, and Yield of Wheat Plants. International Collaborative Conference of Modern Agricultural Technologies (ICCMAT 3-4 May 2023). Earth and Environmental Science. Accepted for publication.

Funding and academic awards

- List any bursaries, scholarships, travel grants or other sources of funding that you were awarded for research projects or to attend meetings or conferences.

Professional memberships

- 2000- till now a member of the Kurdistan Biology Syndicate

Professional Social Network Accounts:

ORCID ID: <https://orcid.org/0000-0001-7250-1240>

ResearchGate: <https://www.researchgate.net/profile/Pakhshan-Maulood>

Scholar Account: <https://scholar.google.com/citations?hl=en&pli=1&user=mkf2gkcAAAAJ>

LinkedIn: <https://www.linkedin.com/in/pakhshan-maulood-4a4297165/>

Academic Profile: <https://academics.su.edu.krd/pakhshan.maulood>