1. Wisam Mamdouh Mohamad Obeidat

2. Education:

2.1: Ph.D. Plant Agriculture/ Crop Physiology and Plant genetics, Ontario Agricultural College, University of Guelph, Canada, 2017.

2.2: M.Sc. Plant Agriculture/Weeds, Ontario Agricultural College, University of Guelph, Canada, 2011.

2.3: M.Sc. Plant Protection/Pathology, Faculty of Agriculture, University of Jordan, Jordan, 2000.

2.4: B.Sc. Plant Protection, Faculty of Agriculture, University of Baghdad, Iraq, 1997.

3. Academic experience:

3.1: Lecturer (Full time), University of Jordan, Jordan, Nov.2022 - date.

## 3.2: Teaching Assistant, University of Guelph, Canada, Sep. – Dec. 2014.

## 3.3: Teaching Assistant, University of Guelph, Canada, Sep. – Dec. 2012.

## 3.4: Teaching Assistant, University of Guelph, Canada, Jan. – Apr. 2011.

## 3.5: Teaching Assistant, University of Guelph, Canada, Sep. – Dec. 2010.

## 3.6: Teaching Assistant, University of Guelph, Canada, Sep. – Dec. 2009.

4. Non-academic experience:

4.1: Researcher, National Agricultural Research Center (NARC), Amman, Jordan, Feb. 2019 – Nov. 2022.

4.2: Postdoctoral researcher, University of Guelph, Guelph, Canada, Jul. – Dec. 2017.

## 4.3: Assistant District Manager, LEMA Company, Amman, Jordan, Sep. 2001- Jun. 2006.

## 4.4: Landscape Engineer, M.K Associates, Amman, Jordan, Jul. 2001- Oct. 2003.

5. Certification or professional registrations: None

6. Current membership in professional organizations:

6.1: Agricultural Engineers Association

7. Honors and awards:

7.1: Dean's Scholarship (PAGR) 2009, 2010 and 2012 University of Guelph, Canada

7.2: Pride Brand Seeds (Pride 5) Scholarship 2009, Pride SeedsCompany, Canada

8. Service activities: consulation to seed companies (local and international)

9. Most important publications and presentations:

9.1: Publications:

* Haddad N., Migdadi H., Brake M., Ayoub S., **Obeidat** **W**., Abusini Y., Aburumman A., Al-Shagour B., , AlAnasweh E., and Sadder M. (2021). Complete chloroplast genome sequence of historical olive (Olea europaea subsp. europaea) cultivar Mehras, in Jordan. Mitochondrial DNA Part B, 6: 194-195.
* Brake M., Migdadi H., Sadderc T. M., Awabdeh S., Jawasreh K., **Obeidat W.**, AlOmari R., and Haddad N. (2021). Complete mitochondrial genome sequence of Awassi-Jo sheep breed (Ovis aries) in Jordan. Mitochondrial DNA Part B, 6: 1263-1264.
* Haddad N., Migdadi H., Al-Atiyat R., Jawasreh K., Awabdeh S., **Obeidat W.**, AlOmari R., Aldamra M., Ababneh H., Tabbaa J. M., Brake M., and Farooq M. (2020). Whole Genome Resequencing of Jordanian Awassi Rams (*Ovis aries*) Using Hiseq Sequencing Technology: The First step towards sheep genomic selection.Genetics and Molecular Research 19: 1-14.
* **Obeidat W**., Avila L., Earl H., and Lukens L. (2018). Leaf spectral reflectance of maize seedlings and its relationship to cold tolerance.Crop Science 58: 2569-2580.
* Avila L., **Obeidat W**., Earl H., Nu X., and Lukens L. (2018). Shared and genetically distinct Zea mays transcriptome responses to ongoing and past low temperature exposure. BMC Genomics 19: 761.
* **Obeidat W.,** and Akkawi, M. (2002). Bionomics and control of Pomegranate butterfly *Virachola* (*Deudorix*) *Livia* (Klug) (Lepidoptera: Lycaenidae) in northern Jordan. Dirasat Journal 29: 1-12.

10. Most recent professional development activities:

* Drone pilot- Remote sensing tools for assessing plant health and monitoring irrigated agriculture to improve water productivity. 22 Feb. - 13 Apr. 2021. Understand the processing steps required for flying sensor imagery and its relevance for agricultural sector

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* QGIS for Hydrological Applications 16 Sep. - 20 Sep. 2019. Understanding of the methods of analysis of spatial data in physical geography.
* Data Acquisition, pre processing and Modeling using PCRaster python framework.16 Sep. - 27 Sep. 2019