

# Curriculum Vitae

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## Personal data

Name: **Hanan Aref Mosleh Hassan**

Nationality: Jordanian

Social status: Married

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## Language

English

Arabic

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## Education



Degree	Specialization	University	Country	Date	Grade
Post Doctorate	Plant Protection/ Fungi	AgroParis Tech	Paris/ France	2019	-
PH. D	Plant Protection	The University of Jordan	Jordan	2016	Very good
Master	Agriculture / Plant Protection.	University of Science and Technology.	Jordan	2006	Very good
B.sc.	Agriculture/ Plant Production and Protection.	Jerash university.	Jordan	1999	Excellent

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**Scientific gradient**

<b>Job</b>	<b>Location</b>	<b>Date</b>
Head of Plant Production and Protection Department	Jerash University, College of Agriculture, Department of Plant Production & Protection.	2025
Associate Professor	Jerash university. Faculty of agriculture Department of plant protection and production	2024
Assistant Professor	Jerash university. Faculty of agriculture Section of plant protection and production	2016- 2024
Assistant Professor	Taiba university. Faculty of science and Arts	2017-2018
Teacher Assistance	Jerash university. Faculty of agriculture Section of plant protection and production	2007-2016
Lab. supervisor	Jerash university. Faculty of agriculture Section of plant protection and production	2000-2007

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**Participation in seminars and scientific conference**

<b>No.</b>	<b>Conference</b>	<b>Location and date</b>	<b>Participation</b>
1	The Higher Central for Science and Technology	The Jordan University 6-5-2025	Attendance
2	The Third Scientific Conference, Faculty of Agriculture- Zagazig University	Hurghada - Egypt 19-22-2-2025	Attendance
3	Implementation of the National Biosafety Framework Public awareness workshop in the field of genetically modified organisms / Jerash Governorate	Jerash 2023-12-27	Attendance

4	The Second International Conference on Climate Change and Sustainability (SICCCS-2023)	Mutah University (7-8)-11-2023	Attendance
5	The Eleventh Conference on Scientific Research in Jordan	Jordan Society for Scientific Research and Entrepreneurship and Creativity Al- Ahliyya Amman University 2023-11-11	Attendance
6	Food security in Jordan: reality and "future vision"	Al- Ahliyya Amman University 2022/12/1	Attendance
7	1 <sup>ST</sup> International Conference on Asian Studies (ICAS23)	Jordan 8-1-2023	Attendance
8	National Erasmus+ 2022	Al al Bayt University 5-12-2022	Attendance
9	National Conference "Mechanisms for activating the political participation of academics and educators	Jordan University of Science and Technology 2022-8-10	Attendance
10	National Olive Festival	National Agricultural Research Center/2022	Attendance
11	Prospects for investment in the cultivation of sugar beetroot in the production of ethanol	National Agricultural Research Center6/9/2021	Attendance
12	Global Conference on Agriculture and horticulture	Paris, France 2019	Attendance
13	2 <sup>nd</sup> Scientific meeting	Taibah University 2018	Attendance
14	Restoring Degraded Ecosystems: Regional and International Perspectives	Royal botanic garden/ Jordan University 2015	Attendance
15	Royal botanic Garden/ Jordan University 2014	Proceeding of the international conservation and use of socio economically important wild plants in the fertile crescent	Attendance

16	Parasitoid Searching Efficiency Links Behaviour to Population Processes	2014Jordan University	Participants
17	Detection and Identification for Seedborne Virus and Tested Methods for Control	2014Jordan University	Participants
18	A sustainable approach to control downy mildew ( <i>Bremia lactucae</i> ) in Jerash greenhouse-grown lettuce	2013Jordan University	Participants

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## Awards:

1- Dutch Youth Innovation Award: Creating Attractive Opportunity for Livelihood of Youth in Agriculture. funded by the Embassy of the kingdom of the Netherland in Jordan. Scientific Awards Dutch: Youth Innovation Award ( **DYIA**).

2- Supported Research Projects: Permaculture- UN habitat

Link on Research Gate: <https://www.researchgate.net/profile/Hanan-Hasan-6>.

Link on Google Scholar:

[Hanan Hasan - Google Scholar](#)

<https://scholar.google.com/citations?hl=en&user=pi5NGDkAAAAJ>.

Link of Orcid: <https://orcid.org/0000-0001-5175-0838>.

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## Membership committee

No	Name of membership committee	Membership date
1	A Member of Editorial board Journal of Molecular Biology (JMB)	2025
2	A Member of Reviewer Jordan Journal of Agricultural Sciences (JJAS)	2025
3	A Member of Reviewer INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	2025

4	A Member of Reviewer Journal of Advances in Biology & Biotechnology	2024
5	A Member of Reviewer International Journal of Environment and Climate Change	19-7-2023
6	A Member of Reviewer the Journal of Experimental Agriculture International	10-2-2023
7	A Member of Reviewer the International Journal of Plant & Soil Science	18-1-2023
8	A Member of Reviewer South Asian Journal of Research in Microbiology	18-1-2023
9	A Member of the Reviewer UTTAR PRADESH JOURNAL OF ZOOLOGY	27-7-2024 5-1-2023
10	A Member of Reviewer the Asian Journal of Advances in Agricultural Research	15-12-2022
11	A Member of Reviewer Microbiology Research Journal International	6-10-2022
12	A Member of Reviewer Asian Journal of Research in Crop Science	7- 6 -2022
13	A Member of Reviewer American Journal of Agriculture and Forestry	10-2-2022
14	A Member of Reviewer Journal of Pharmaceutical Research International	18/9/2021
15	Coordinated of the Department of Plant Production and Protection	2021/2022 0202/2021 2019/2020
16	A member of the Jordan Plant Protection Association	2014

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## Book and published scientific paper

### Title

Abu Salma, B.M., **Hasan, H.A.**, Shawaqfeh, S., Rabi, A.E. (2025.). Evaluation The Effect of Pectin Based Coating on Cucumber Storage Quality. *Pakistan Journal of Scientific and Industrial Research*. 68(2)

[Pakistan Journal of Scientific and Industrial Research \(pjsir.org\)](http://Pakistan Journal of Scientific and Industrial Research (pjsir.org))

AL-Zyoud, F.A., Alheshoosh, S., Al-Ameiri, N. Samar Shawaqfeh, **Hanan Hasan** and Ghabeish, I.H. (2025). Novel ecofriendly management tactics of the fall armyworm *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: Noctuidae) on maize in Jordan. *Innovations*, 80 (2).1023-1042. <https://journal-innovations.com>.

<p>AL-Zyoud, Firas; Alheshoosh, Saba., Alasasfa, Muawya., Shawaqfeh, Samar., Mamkagh, Amer., Al-Atiyat, Raed., Salameh, Naser., and <b>Hasan, Hanan</b>. (2025). Preferences of the fall armyworm <i>Spodoptera frugiperda</i> (J.E. Smith) (Lep., Noctuidae) to different maize cultivars grown in Jordan. <i>Innovations</i>, 80 (2).1043-1055. <a href="https://journal-innovations.com">https://journal-innovations.com</a></p>
<p>Al sharafat, A., Aldeseit, B., <b>Hasan, H.A.</b>, Shawaqfeh, S., Abu Salma, B.M. (2024). The impact of adopting sustainability practices on the economic and financial performance of fruit production: empirical evidence from Jordan. <i>The Seybold Report Journal (TSRJ)</i>. 19(2). <a href="https://seyboldreports.org/">https://seyboldreports.org/</a></p>
<p>Al Tawaha, AB.R., Singh, A., Rajput, V.D., Ashi Varshney, A., Shreni Agrawal, Sh., Ghazaryan, K., Minkina,T ., Al Zoubi, O. M., Habeeb, T., Dionis, L.,Hasan, <b>Hasan, H.A.</b>, Shawaqfeh, S. (2024). Green Nanofertilizers: the Need for Modern Agriculture, Intelligent, and Environmentally-Friendly Approaches. <i>Ecological Engineering &amp; Environmental Technology</i>, 25(1), 1-21. <a href="https://doi.org/10.12912/27197050/172946">https://doi.org/10.12912/27197050/172946</a></p>
<p>Abu Salma, B.M., <b>Hasan, H.A.</b>, Shawaqfeh, S. (2023). Promoting Efficiency of Apple Pomace-Derived Pectin. <i>JXSU</i>, <b>19 (11)</b>, 91-94. <a href="https://www.xisdjxsu.asia/viewarticle.php?aid=2745">https://www.xisdjxsu.asia/viewarticle.php?aid=2745</a></p>
<p>Shawaqfeh, S., <b>Hasan, H.A.</b>, Abu Salma, B.M., Tarawneh, M. (2024). Farmer’s awareness, acceptance, and challenges for adopting soilless culture (hydroponics technology) for vegetable production in Jordan. <i>The Seybold Report Journal (TSRJ)</i>, 19(102).</p>
<p><b>Hasan, H.A.</b>, Abu Salma, B.M., Shawaqfeh, S. (2024). Synthesis of Biobased Plastic from Agriculture Waste: Banana Peels. <i>Pakistan Journal of Scientific and Industrial Research</i>. 67B(3) 283-289. <a href="https://v2.pjsir.org/index.php/biological-sciences/article/view/3093/1631">https://v2.pjsir.org/index.php/biological-sciences/article/view/3093/1631</a>.</p>
<p>Bashir, Sh. D., Bhat, T. A., Jamsheed, B., Al Tawaha, Ab. R. M., Jan, B., Nazir, A., <b>Hasan, H.A.</b>, Shawaqfeh, S. (2023). Efficacy of Nano-Urea based Nitrogen Management on Growth, Yield and Nutrient Use Efficiency in Wet Direct Seeded Rice. <i>Egyptian Journal of Soil Science</i>. Accepted .</p>
<p>Aljardah, A., Khashroum, A., Shawaqfeh, S., <b>Hasan, H.</b>, Al-Harabsheh, S. (2023). Effect Of Using Biochar And Compost On Soil Properties And On Mitigation Of Climate Change Impacts: A Case Study From Jordan. <i>IOSR-JAVS</i>.16(10). 32-39. <a href="http://www.iosrjournals.org">http://www.iosrjournals.org</a></p>
<p>Al-Dawood, A., Shawaqfeh, S., Al-Zyoud, F., Mamkagh, A., Al-Atiyat, R., <b>Hasan., H.</b> (2023). Awareness of pesticides’ residues in food and feed among students of the Faculty of Agriculture, Mutah University, Jordan, <i>Journal of the Saudi Society of Agricultural Sciences</i>. 22 (8), 514-523.</p>

<https://doi.org/10.1016/j.jssas.2023.05.003>

doi:10.1016/j.jssas.2023.05.003

Almomany, A., **Hasan, H.**, and Al-Abdallat, A. (2022), First record and molecular Identification of *Amantia manginiana* in Jordan. Jordan Journal of Agricultural Sciences (JJAS). (18), 2- 2022.

<https://jjournals.ju.edu.jo/index.php/jjas>.

**Hassan, Hanan.** (2020). Biology and Integrated Control of Tomato Wilt Caused by *Fusarium oxysporum lycopersici*: A Comprehensive Review under the Light of Recent Advancements. Journal of Botany Research 3(1) 84-99.

<https://scholars.direct/Articles/botany/jbr-3-011.php?jid=botany>

DOI: 10.36959/771/565

**Hasan, H.**, Almomany, A., Hasan, sh and Al-Abdallat, A. (2018). Assessment of Genetic Diversity among *Pleurotus* spp. Isolates from Jordan. Journal of fungi. Switzerland, 4(2):52.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6023295>.

doi: [10.3390/jof4020052](https://doi.org/10.3390/jof4020052)

**Hasan, H.**, Almomany, A. Hasan, sh and Al-Abdallat, A. (2020). Assessment of Genetic Diversity among *Pleurotus* spp. Isolates from Jordan: ( Francisco Cruz Sosa),Book. Recent Progress in Microbiology and Biotechnology Vol. 3 Ch. 10 U.K., Publisher international. Recent Progress in Microbiology and Biotechnology

<https://www.researchgate.net/publication/361482003> Recent Progress in Microbiology and Biotechnology

Abdel Rahman Al Tawaha. Hanan Hasan. Use of Fungi, Bacteria, and Viruses to Control Weeds  
**Under process**

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Supervising/Co- Graduate students- (MS students)

- The effect of the use of garlic extracts as an environmentally friendly and sustainable agricultural approach in the fight against fusarium wilt disease in cucumber plant (in progress-2025).
- Assessment of Farmers' Awareness of Climate Change and Its Impact on the Spread of Downy Mildew Disease in Grapevines in Jerash Governorate (in progress).

- **The Role of Optimum Use of Water Resources in Achieving Sustainable Agricultural Development and Mitigating the Impacts of Climate Change: Karama region case study. (2024).**
- **The Impact of Climate Change on the Prevalence of Fungal Diseases and the Production of Grape Trees in Jerash Governorate (2023).**
- **The Effect of Climate Change on the Infection of Bananas with Fusarium Wilt Disease in the Southern Shoonah Area in Jordan (2023).**
- **The Impact of Climate Change on Food Security in the Southern Province of Jordan (2022).**
- **The Effect of Climatic Changes on The Soil and Irrigation Water, and Its Reflection on The Infection of The Tomato Crop with Fusarium Wilt Disease (2022).**

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### **Workshops- Certificate**

<b>No.</b>	<b>Course or workshop</b>	<b>Location and date</b>
1	Course Portfolio Preparation/Outcome Measurement	Jerash University 2025
2	A workshop on The Jordanian National Framework for Qualifications Accreditation	Jerash University 2024
3	Foundation Course in Platform Management E-Learning and Course Content Design	Jerash University 2023
4	H5P Interactive Learning and Learning Resources Management Course	Jerash University 2023
5	Workshop on how to prepare the course file and the upgrade file	Jerash University 2022
6	Using interactive panel session	Jerash university 2013
7	Teaching strategies Workshop	Jerash university 2011



8	Measurement and evaluation Workshop	Jerash university 2010
9	Integrated Pest Managements	Jordan university Research, Training, Extension and Education Institute 2010
10	Soilless cultivation Workshop	Agricultural Engineers Association 2003

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### Teaching activities

No.	Teaching courses	Under graduate
1	Principles of plant protection.	3-credit hours
2	Principles of plant production.	3-credit hours
3	Plant diseases of Field and horticulture crop	3-credit hours
4	Entomology	3-credit hours
5	Plant Pathology	3-credit hours
6	Plant Biotechnology	3-credit hours
7	Insects of field and horticultural crops	3-credit hours
8	Nurseries and plant propagation.	3-credit hours
9	Weeds and their control.	3-credit hours
10	Environment and agriculture.	3-credit hours
12	Gradation projects research.	2-credit hours
13	Principles of Pesticide	3-credit hours
14	General biology	3-credit hours
15	Ecology	3-credit hours

**References:**

1. **Ahmad Mohamad Al-Momany.** Department of Plant Protection Faculty of Agriculture, The University of Jordan, Amman 11942, Jordan;  
[momanyah@ju.edu.jo](mailto:momanyah@ju.edu.jo).
2. **Ayed Mrief Al-Abdallat.** Department of Horticulture and Crop science, Faculty of Agriculture, The University of Jordan, Amman 11942, Jordan.  
[a.alabdallat@ju.edu.jo](mailto:a.alabdallat@ju.edu.jo).