



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Amani Mahmoud Awwad Alawamleh**

### Work experience

Dates	<b>01/03/2017- 31/08/2017</b>
Occupation or position held	Entomologist/ Agricultural Engineer
Main activities and responsibilities	Check the files submitted for the purpose of registration of pesticides, studying pesticide labels, documenting data on registered pesticides through scanning service and document management system (DMS). Participate as a speaker in training workshops organized by the Department, which contribute to raising awareness among agricultural engineers with regard to pesticides regulations. Participate in field trips organized by the Department in several areas in Jordan to detect the presence of pest insects and prepare the necessary technical reports.
Name and address of employer	Ministry of Agriculture / Plant Protection and Phytosanitary Department / Pesticides Registration Division / Amman, Jordan.
Type of business or sector	Governmental
Dates	<b>13/01/2015- 28/02/2017</b>
Occupation or position held	Entomologist/ Agricultural Engineer
Main activities and responsibilities	Control the local manufacture and import of pesticides in Jordan through monitoring of the local pesticides factories and trading of pesticides in Jordan, and control the import of pesticides process. Participate as a speaker in training workshops organized by the Department, which contribute to raising awareness among farmers with regard to the safe use of pesticides. Participate in field trips organized by the Department in several areas in Jordan to detect the presence of pest insects and prepare the necessary technical reports.
Name and address of employer	Ministry of Agriculture / Plant Protection and Phytosanitary Department / The Manufacture and Import of Pesticides Control Division / Amman, Jordan.
Type of business or sector	Governmental
Dates	<b>12,11,2013 – 12/1/2015</b>
Occupation or position held	Entomologist
Main activities and responsibilities	Examine samples of agricultural products to make sure that they are free from agricultural insect pests. Samples consist of imported samples that are received from agricultural centers boundary, locally produced samples and the prepared consignment for exportation including vegetables, fruits, cereals, ornamental plants, fruit trees, forest trees and requirements of agricultural production process such as seedlings.
Name and address of employer	Ministry of Agriculture / Plant Wealth Laboratories Directorate / Phytosanitary Laboratory / Al Baqa', Jordan
Type of business or sector	Governmental

11,02,2004 – 30,10,2011

Analyst

Analyze pesticides residues in food and agricultural products to make sure that their level is lower than the Maximum Residue Level (MRL) according to Codex Alimentarius and European Standards, ensure non-use of banned pesticides and strengthen the supervisory role on agricultural products through working in research teams. Analyzed samples are food and agricultural products; local, imported and the prepared consignment for exportation, including fruits, vegetables, cereals, oil, and feed. Analyzed pesticides include the following groups; Chlorinated Hydrocarbon, Pyrethroids and Organophosphorus pesticides by using Gas Chromatography instruments (GC/ECD and GC/NPD).

Ministry of Agriculture / Plant Wealth Laboratories Directorate / Pesticides Residues Analysis Laboratory / Al Baqa', Jordan

Governmental

21,11,1998 – 30,11,2001

Agricultural Engineer

Prepare all documents required for registration of agricultural and public health pesticides in Ministry of Agriculture and follow up the procedure of registration and obtain certificate of registration.

AgroChemicals Industries LTD / Al Salt, Jordan

Private

## Education and training

Dates	
2011-2013	
Title of qualification awarded	Master Degree in Integrated Pest Management of Mediterranean Fruit Trees

Principal subjects/occupational skills covered	<p>Ecological and Biological Studies of The African Fig Fly <i>Zaprionus indianus</i> (Diptera: Drosophilidae) in Jordan (Thesis Topic)</p> <p>Field and laboratory works were performed for conducting a survey of <i>Z. indianus</i> in different ecological zones in Jordan, evaluating the efficiency of different baited traps for monitoring the fly population in date palm and fig orchards, and evaluating the susceptibility of local fig varieties to the fly infestation under laboratory and field conditions, in addition to studying some biological and morphological aspects of the fly population in Jordan under laboratory conditions.</p>
Name and type of organisation providing education and training	Mediterranean Agronomic Institute of Bari, Italy (International Intergovernmental Higher Education Institution)
Level in national or international classification	<p>Master Degree</p> <p><b>2011-2012</b> Postgraduate Specialisation Diploma</p> <p>Integrated Pest Management of Mediterranean Fruit Trees / Identification and control of pathogens, pests, weeds and abiotic disorders, quality and safety, IPM of olive, citrus, pome and stone fruits and grapevine, palm trees pests, diseases and control, application of IPM procedures, quarantine and certification programs.</p> <p>Mediterranean Agronomic Institute of Bari, Italy (International Intergovernmental Higher Education Institution)</p> <p>-</p> <p><b>1994-1998</b> Bachelor Degree</p> <p>Plant Protection / Basic principles, technical and practical aspects of plant protection from insect pests and plant pathogens in fruit trees and vegetables. Faculty of Agriculture, The University of Jordan, Jordan (Governmental University)</p> <p>Bachelor Degree</p> <p>-</p> <p><b>17-30/08/2017</b> Certificate of Completion</p> <p>2017 workshop on Plant Protection and Quarantine</p> <p>The workshop covered several topics in plant protection and quarantine as; the system, regulations, and measures of plant protection and quarantine in Taiwan, pesticides residues examination and analysis technology for agricultural products, diagnosis, identification and integrated management of plant diseases, plant pest monitoring and alert system in Taiwan, detection survey of quarantine pests in Taiwan, pesticides management and registration system in Taiwan. The workshop included participants' country report and discussion on plant protection and quarantine and field trips. The workshop was organised by the International Cooperation and Development Fund (ICDF), Taipei, Taiwan.</p> <p>Taipei, Taiwan.</p> <p>-</p>

**30/04 - 05/05/2017**

Letter of Recognition

Qulality Infrastructure for Food Safety International Training Programme / Follow-up seminar

The training programme covered several topics in food safety as; WTO agreement on the application of sanitary and phytosanitary measures, EU food safety systems, food legislation and enforcement, international standardization in the area of food safety, food control, HACCP training, accreditaion process, laboratory testing, food safety certification and quality infrastructure development. The training programme was organised by the Swedish Board for Accreditation and Conformity Assessment (SWEDAC) in co-operation with National Food Agency (NFA) and financed by The Swedish International Development Cooperation Agency (Sida), Stockholm, Sweden.

Rabat, Morocco.

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**11-15/12/2016**

Certificate of Participation

Training of Trainers; Preventive Measures for the Introduction and Spread of *Xylella fastidiosa* - Olive Quick Decline Syndrome in NENA Countries

Gain Knowledge about history and current situation of *Xylella fastidiosa* in the EU-Mediterranean area and its main insect vectors. Also about eradication and control methods, EU surveillance methods (guidelines, survey plan and diagnostic), laboratory diagnostic methods for *Xylella fastidiosa* (EPPO standards), management of the *Xylella fastidiosa* outbreak, and capacity development and awareness raising on *Xylella Fastidiosa*. The training workshop was organised by Food and Agriculture Organization of The United Nations (FAO),TCP/RAB/3601 project in Amman, Jordan.

Amman, Jordan.

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**30/10 - 01/11/2016**

Attendance Certificate

Proposal Writing for H2020 EU Funding Opportunities

The workshop provided an overview of how to write an Horizon 2020 proposal, introducing the essential elements of a proposal. From the background of Horizon 2020 and its requirements to planning the submission, the requirements of the proposal and finding a relevant call and information. In addition the workshop identified the local support available to assist writers with the application process. The workshop included exercises on developing a project idea, understanding the stakeholders involved. The selection of partners, the key aspects of excellence and impact, the importance of setting objectives, deliverables and milestones were presented. The workshop programme was organised by Technical Assistance to the Higher Council for Science and Technology (Support to Research, Technological Development and Innovation in Jordan, Phase II (SRTD II).

Amman, Jordan

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**06/09 - 04/10/2016**

Online Training Course

Innovation in Government Work

The training course raises many issues that help to promote the concept of innovation in government work environment and therefore competitive states and prosperity increase. The course contents are based on many of the examples and best practices from several countries characterised by their government services and innovations. The training course was organised by Edraak, a massive open online course (MOOC) platform, that is an initiative of the Queen Rania Foundation (QRF), in co-operation with Mohammed Bin Rashid Centre for Government Innovation.

**11/09 - 07/10/2016**

Letter of Recognition

Qulality Infrastructure for Food Safety International Training Programme

The training programme covered several topics in food safety as; WTO agreement on the application of sanitary and phytosanitary measures, EU food safety systems, food legislation and enforcement, international standardization in the area of food safety, food control, HACCP training, accreditaion process, laboratory testing, food safety certification and quality infrastructure development. The training programme was organised by the Swedish Board for Accreditation and Conformity Assessment (SWEDAC) in co-operation with National Food Agency (NFA) and financed by The Swedish International Development Cooperation Agency (Sida), Stockholm, Sweden.

Stockholm and Uppsala, Sweden.

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**16/01 - 09/04/2016**

Certificate of Participation

SwitchMed Green Enternpeneurship Training Workshop

Gain Knowledge about some basic concepts about green entrepreneurship and acquire the skills required to transfer the knowledge and the tools needed to transform the proposed innovative idea into a green business model by validating the viability of the concepts. The training workshop was organised by the Regional Activity Centre for Sustainable Consumption and Production (SCP/RAC) and Business Development Center, Amman, Jordan.

Business Development Center, Amman, Jordan.

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**23-27/02/2015**

Certificate of Attendance

Detecting and Management the Phytoplasmas Diseases and their Vectors

Acquire the main knowledge in the management strategy and detecting of the phytoplasma diseases and their vectors, organize laboratory activities for diagnosis of cultivated plants, perform experiments of molecular detection of phytoplasmas, organize a quarantine service based on the experience of European and Italian background, utilize the information and knowledge from EU projects and establish scientific contacts for future collaboration.

The Department of Agricultural and Environmental Sciences, University of Milan, Italy.

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**12-13/01/2015**

Certificate of Attendance of local taining course

Biosafety, Biosecurity and Bio-Risk Management

Centers of Excellence (Project CoE-25, Bio-Operate/ funded by the European Union), held in Amman, Jordan

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**16-17/02/2015**

Certificate of Attendance of regional training course

Biosafety, Biosecurity and Bio-Risk Management

Centers of Excellence (Project CoE-25, Bio-Operate/ funded by the European Union), held in Amman, Jordan

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**10/08-10/09/2014**

Certificate of completion of training course

Principles of Biotechnology

National Center for Agricultural Research and Extension (NCARE), held in Amman, Jordan

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**26-28/05/2014**

Certificate of Participation

WTO National Seminar on the Agreement on the Application of Sanitary and Phytosanitary Measures (SPS) / Acquire knowledge in basic provisions of SPS agreement, scope of SPS versus TBT agreements, role of International standard setting bodies in the SPS agreement, SPS committee, current issues, technical assistance and capacity building.

Agriculture and Commodities Division, World Trade Organization, held in Aqaba, Jordan

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**29-31/01/2014**

Certificate of Participation

Financial Management Training Workshop / Acquire knowledge in topics related to financial management such as financial analysis, accounting, budgets, purchases, training, and fundraising.

Funded by MAVA and organized by The International Union of Conservation of Nature, Regional Office for West Asia, in Amman, Jordan

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**13-17/02/2012**

Certificate of Competence

Training of Trainers TOT, Safe Use of Agro Inputs / Practical aspects as trainer in the principles and practices of safe use of agro inputs.

Mediterranean Agronomic Institute of Bari, Italy (International Intergovernmental Higher Education Institution)

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**5-15/09/2011**

Certificate of Participation

Summer school on Water and International Relations / Improve knowledge in topics related to water as a factor in development, an issue in peace studies and conflict resolution, an aspect of international trade and ecological modernization and the politics of "Green State". The group work was carried out to prepare a poster covering one of the previous topics and funded by Exceed project.

TU Braunschweig University, Germany

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**11-15/04/2010**

Certificate of Participation

Statistical Analysis (SPSS) / Practical approach to the basics of statistical concepts and data analysis in SPSS.

Agricultural Engineers Association, Amman, Jordan

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**06-10/07/2009**

Certificate of Attendance

Principle, practice and maintenance of Ion trap GC/MS/MS Varian / Basic principles, technical and practical aspects and maintenance of Ion trap GC/MS/MS.

Community Reference Laboratory for Fruits and Vegetables (CRL), University of Almería, Spain

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**08-10/06/2009**

Certificate of Participation in Training Course

Control Charting in Chemical Analysis

Royal Scientific Society, Amman, Jordan

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**20/10/2008-19/01/2009**

ICDL Certificate

International Computer Driving License (ICDL)

National Information Technology Center, Amman, Jordan

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**26-28/05/2008**

Certificate of Training

Chromatographic applications (theory and practice on GCMS, HPLC and IC)

Prince Faisal Center for Dead Sea, Environmental and Energy Research, Mutah University, Al Karak, Jordan

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**30/03-01/04/2008**

Certificate of Training

Chemical Analysis (theory and practice on spectrophotometric (AAS, Flame emission (FE), UV/VIS/NIR and FTIR) and chromatographic (GC-MS, HPLC and IC) techniques)

Prince Faisal Center for Dead Sea, Environmental and Energy Research, Mutah University, Al Karak, Jordan

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**16-20/03/2008**

Training Certificate

Radioactivity Protection

Royal Scientific Society, Amman, Jordan

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**18-21/09/2006**

Certificate of Training

Integrated Management of Date palm

Agricultural Extension Department, Ministry of Agriculture, Amman, Jordan

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**02-11/05/2006**

Certificate of Attendance Training Course

ISO/IEC – 17025 :2005, QA/QC, Method Validation, Quality Control and Measurement Uncertainty

Pesticides Residues Analysis Laboratory, Ministry of Agriculture, Al Baqa', Jordan

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**12-15/09/2005**

Certificate of Training

Environment and Agricultural Extension

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**25-29/09/2005**

Certificate of Training

Integrated Management of Protected Agriculture

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**22-23/06/2005**

Certificate of Training

Soap Production

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**27-28/06/2005**

Certificate of Training

Fruit Trees Grafting

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**23-25/08/2005**

Certificate of Training

Integrated Management of Grapevine

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**08-10/08/2005**

Certificate of Training

Garden Planning

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**28/11-01/12/2004**

Certificate of Regional Training

Phytosanitary Quarantine

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**08-10/08/2004**

Certificate of Participation in Training Course

Leadership and Communication Skills

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**28-29/01/2003**

Certificate of Training

Phase out of Methyl Bromide

Agricultural Engineers Association, Amman, Jordan

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**22-26/09/2001**

Certificate of Attendance Training Course

Integrated Pest Management (IPM) / Principles and practical aspects of Integrated Pest Management

Jordanian-German Technical Cooperation in Agriculture (gtz and IPM for Agricultural and Extension Services)

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**08-19/08/2000**

Certificate of Participation in Training Course

Garden Planning

Agricultural Engineers Association, Amman, Jordan

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**07-10/11/1998**

Certificate of Participation in Training Course

Bee Keeping

Agricultural Extension Department, Ministry of Agriculture, Al Baqa', Jordan

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**Personal skills and competences**

Mother tongue(s)

Other language(s)

Self-assessment

European level (\*)

**English**

**Arabic**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
	B2		C1		C1		B2		B2

(\*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/files/questdocument/200802010)

**Social skills and competences**

**Competence 1:** Dealing effectively with other colleagues in work during stressful times and reduce tension or conflict between colleagues, acquired in Plant Wealth Laboratories Directorate, Ministry of Agriculture.

**Competence 2:** includes several points: Develop and pursues short and long term personal, educational, and professional goals/ Acquire scientific information and share knowledge with others/ Adapt effectively to culture change and maintain effectiveness when working closely with people of diverse cultures or backgrounds/ Effective performance of activities and stress tolerance/ Guiding others in accomplishing work objectives as a colleagues delegate/ Continuous learning to develop and apply knowledge, understanding and skills quickly to maintain effective interpersonal communication with staff and colleagues/ Actively participating as a member of a team and contribute to the team success/ Effectively managing time and resources to ensure that work is completed efficiently/ Use a range of critical and creative thinking skills and processes to assist in making connections, planning and setting goals, analyzing and solving problems and making decisions/ Increase knowledge and understanding of international interdependence and cultural diversity and develop consideration of variable cultural values, lifestyles, beliefs and traditions that differ from my own/ Develop interpersonal communication and interaction issues among Jordanian cultures and increase knowledge and understanding of variable cultures and traditions of different societies in Jordan. Acquired in the following activities:

1- Living in the campus of Mediterranean Agronomic Institute of Bari during the first and second year of MSc. Programm in multicultural environment.

2- Living in the campus of Agricultural Research Station/The University of Jordan during the first semester 1997/1998 of my study in BSc. Programm. Field works in plant protection and practices in plant production, animal production, soil and irrigation, agricultural economics and farm machinery were performed in teamwork.

Organisational skills and competences

**Competence 1:** Leadership acquired in responsibility of a team of three people in Entomology laboratory, Plant Wealth Laboratories Directorate, Ministry of Agriculture.

**Competence 2:** Building and developing positive working relationships (teamwork and collaboration) to facilitate the accomplishment of work goals, acquired in the following activities:

1- Implementation of a change project entitled "Regulations of Bio-pesticides and Biological control Agents to Drive the Next Green Agricultural Revolution, Better Food for Better World". The project was implemented in collaboration between Ministry of Agriculture, Jordan and Swedish Board for Accreditation and Conformity Assessment (SWEDAC), Sweden from September 2016 – August 2017. Project activities included: formation of a working group, determine the international standards and guidelines for bio-pesticides and biological control agents (BCAs) in their latest releases, and make a review of the regulatory procedures in place of bio-pesticides and biological control agents (BCAs) in EU, Australia, Canada and the USA, determine components that could be recommended for adoption and incorporation into a workable regulatory framework to suit the needs of Jordan, and using of the obtained information as guidance by the formed working group in development process of regulations for registration of bio-pesticides and conditions of import biological control agents (BCAs) in Jordan.

2- Coordination and Administration of the staff of Pesticides Residues Analysis Laboratory/ Ministry of Agriculture in order to implement the agreement that was signed between Ministry of Agriculture and Ministry of Environment. The agreement included study the extent of pollution of the environment of Jordan as a result of the use of pesticides in agricultural crops, grain and fodder during 2010-2011

3- Conducting the field and laboratory works of the research project "Pesticides Residues in some Medicinal Plants and their Products, Jordan" in collaboration between Ministry of Agriculture and Mu'tah University during the period of 2009-2011.

4- Participation in the field and laboratory activities of the research project "Safety Use of Pesticides and Quality Control" in collaboration with National Center for Agricultural Research and Extension (NCARE) during the period of 2004-2006.

**Competence 3:** Supporting the development of individuals' skills and abilities they need to achieve goals, acquired in: Implementation of training courses in laboratory tests and methods of analysis of pesticides residues in fruits and vegetables for undergraduate students and technicians from Arab countries in Pesticides Residues Analysis Laboratory, Ministry of Agriculture.

**Competence 4:** Follow up with vendors to determine the status of laboratory materials and services, acquired in: Participation in different committees formed in Ministry of Agriculture such as tender committees and committee for receipt of laboratory items.

**Competence 5:** Keeping the Directorate's vision and values at the forefront of decision-making and actions, acquired in: Encourage open discussion of future plans, ensure that individual's goals and performance are aligned with Directorate's vision and values and compare own decisions and actions to the vision to ensure alignment

**Competence 6:** Planning and organizing of works for self and others at home to accomplish a variety of tasks and own work schedule with little guidance, acquired in: Plan use of own time at home to improve skills through certified online training courses, learning new language, abroad travelling and social meetings.

**Competence 7:** Maintaining high level of activity and productivity and sustaining long working hours under work pressure, acquired in: Performing laboratory works effectively over long period of time during a heavy workload (even when officially on vacation) and dealing effectively with unclear job responsibilities, in Plant Wealth Laboratories Directorate, Ministry of Agriculture.

**Competence 8:** Acquiring knowledge and time management, take responsibility through exert a high level of effort and perseverance towards goal attainment, teamwork, understand and know how Documents Management System (DMS) works and operates effectively, acquired in: scanning service and Documents Management System (DMS) of pesticides files registered in Jordan, in Pesticides Registration Division, Plant Protection and Phytosanitary Department, Ministry of Agriculture.

Technical skills and competences

**Gas Chromatography:** GC/ECD, GC/NPD and GC/MSMS

**Liquid Chromatography:** LC/MS

Acquired in Pesticides Residues Analysis Laboratory, Ministry of Agriculture, Al Baqa', Jordan.

**Document Scanner:** Scanning service and document management system (DMS)

Acquired in Pesticides Registration Division, Ministry of Agriculture, Amman, Jordan.

Computer skills and competences

**Computer skills:** Microsoft Office Package as Word, Excel, Power point, Publisher and Internet

Acquired in National Information Technology Center, Amman, Jordan during 20,10,2008-19,01,2009 in the training course "International Computer Driving License (ICDL)" and in Plant Wealth Laboratories Directorate, Ministry of Agriculture.

Artistic skills and competences

**Competence 1:** Provide clear instructions and information about work goals and services in collaboration with colleagues, and prepare work documents, acquired in the following activities:

1- Writing work reports (monthly and annually reports), laboratory manual for policies and procedures, laboratory forms for ISO 17025, laboratory items specifications, acquired in Pesticides Residues Analysis Laboratory, Ministry of Agriculture.

2- Develop alternative perspectives and solutions in problem solving approaches and interpret data or the results of scientific research. Writing scientific research proposal and scientific papers for publication in scientific journals, and preparing posters and oral presentations; acquired in the Summer school in Germany, conferences and Mediterranean Agronomic Institute of Bari, Italy through the courses of scientific writing and research in the second year of Master programm 2012/2013.

3- Producing multimedia sources about work (videoclip, Brochures) in Arabic and English languages, in Plant Wealth Laboratories Directorate, Ministry of Agriculture. Also producing a video entitled " The life cycle of the African fig fly *Zaprionus indianus* (Diptera: Drosophilidae) " with duration of 4:26 minute and deposit number of (2015/9/4368) in Department of the National Library, Jordan.

## Other skills and competences

**Competence 1:** Achievement of a satisfactory level of technical and professional knowledge and skills and keeping up with current developments and trends in areas of expertise, acquired in the following activities:

1- Participation and attendance of several training courses at national and international level and application for a study visits organized by TAIEX (Technical Assistance and Information Exchange instrument managed by the Directorate-General Enlargement of the European Commission) and conducted in University of Almeria, Spain in July 2009 and University of Milan, Italy in February 2015. Also application of the knowledge acquired from expert mission designed by TAIEX in Pesticides Residues Analysis Laboratory, Ministry of Agriculture, by application of new method of extraction of pesticides residues (QuEChERS) and modern instruments for the analysis of pesticide residues (LC/MS) which contributes to the expansion in the detection of pesticide residues.

2- Obtain a grant amount of 25000 JD from Scientific Research Support Fund, Jordan to implement the research project "Pesticides Residues in some Medicinal Plants and their Products, Jordan" in collaboration with Mu'tah University during the period of 2009-2011.

3- Obtain M.Sc. Degree scholarship, 2011– 2013, from CIHEAM/MAIB (Mediterranean Agronomic Institute of Bari), Italy. Thesis work was supported by a private company in UK and Jordan (Russell IPM, Ltd.). Final Grade of M.Sc. Degree was *Cum Maxima Laude* with an average of 88.97 / 100 (with a difference of 0.29 / 100 from the highest average obtained in the class which was 89.26 / 100).

4- Get award of the best research presented as oral presentation in The Seventh International Scientific Agriculture Symposium (AgroSym 2016), Bosnia and Herzegovina, 6-9 October 2016.

5- Get award of the best research presented as a poster in the Eleventh Arab Congress of Plant Protection which was held in Amman, Jordan, 9-13 Nov. 2014.

6- Get a shield of honor from the Agricultural Engineers Association for obtaining the award of the best research presented as a poster in the Eleventh Arab Congress of Plant Protection. The shield was received from the captain of Agricultural Engineers and the Minister of Agriculture.

7- Obtain a membership in professional societies at National and International level as Agricultural Engineers Association, Jordan Society for Scientific Research (JSSR), Jordanian Society for Organic Farming (board member in administrative body from June 2013 – till now, and Executive manager / volunteer from July 2016 – June 2016) and Arab Society for Plant Protection. Effective attendance and/or participation in several professional activities were performed such as training courses, scientific days, exhibitions, meetings, seminars, workshops and conferences.

8- Participation as representative of the Jordanian Society for Organic Farming in the working group formed in Ministry of Agriculture to build regulations of organic farming.

9- Participation as rapporteur of the working group that was formed in Ministry of Agriculture to build conditions of import of biological control agents and regulations of registration of bio-pesticides.

10- Gain knowledge in financial management (finance analysis, accounting, budgets, purchases, and fundraising), acquired in participation in "Financial Management Training Workshop" funded by MAVA and organized by The International Union of Conservation of Nature, Regional Office for West Asia, in Amman, Jordan during 29-31/01/2014.

11- Get a fellowship for participation in the 2017 workshop on Plant Protection and Quarantine which was organized by the International Cooperation and Development Fund, Taiwan and it was held in Taipei, Taiwan during 17-30/8/2017.

**Competence 2:** Setting standards of performance for self and others to ensure high quality and take responsibility for work outcomes and encourage others to take responsibility, acquired in complete work on time, review others' work for quality in Plant Wealth Laboratories Directorate, Ministry of Agriculture.

## Driving licence

Driving licence type 3 (private passenger vehicle and cargo vehicle total weight 5000 kg) since 13/01/2007.

International Driving Permit type B