

**Personal Information**

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|--------------------------------|---|
| <b>Name</b>                    | <b>Dr. Amani Abdullah Al-Assaf</b>      |
| <b>Place and date of birth</b> | <b>Oct.11.1978 - Abu Dhabi, UAE</b>     |
| <b>Faculty</b>                 | <b>Agriculture</b>                      |
| <b>Department</b>              | Agricultural Economics and Agribusiness |

**Qualifications**

| <b>Qualification</b>          | <b>Specialization</b>                      | <b>University of donor rank</b>                                      | <b>Date</b>          |
|-------------------------------|--|--|----------------------|
| PhD. Degree                   | Agricultural Economics and Social Sciences | <b>Hohenheim University, Stuttgart-Germany</b>                       | Jun. 2006- Nov. 2009 |
| M.SC Degree                   | Agricultural Economics and Agribusiness    | <b>University of Jordan, Amman. Jordan</b>                           | Oct. 2000- Aug. 2002 |
| B.SC Degree                   | Agricultural Economics and Extension       | <b>University of Jordan, Amman, Jordan</b>                           | Oct. 1996-Feb. 2000  |
| General Secondary Certificate | Scientific stream                          | <b>Aen Jalwte Comprehensive Secondary School, Shemasany – Jordan</b> | Oct. 1993-Jun. 1996  |

**Specialization and domain of interest**

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| <b>Specialization</b>     | Agricultural Economics                                |
| <b>Domain of interest</b> | <b>Economics of Environment and Natural Resources</b> |

**Specialization and domain of interest****Title and abstract of the doctoral thesis (within 150 words)**

**Thesis subject:** Impact of Land Degradation and Conservation on Income in different Ecological Environments in Jordan.

**Abstract:** Recently, the interaction between natural resources and agriculture

practices has been appreciated as highly significant in natural resources management. Population growths, urbanization, in addition to the dramatic fluctuations in rainfall are defined as dynamic factors affecting natural resources management and sustainability in farming. This interaction had imposed additional pressure on land in the marginal areas in Jordan. In these areas, the farming family struggles to cultivate crops and raise livestock irrespective to the mentioned factors. Accordingly, land degradation is linked by a chain of cause and effect with rural family practices and their level of income in these areas. This book represents a comprehensive description of different rural families in the marginal areas, regarding their resource use and living standards. Later, the analysis was proceeded to define the socio-economic factors that affect family decisions on land management and conservation, linking farm income to the family perception and decisions for land management and conservation. Following this, different future strategies were applied and assessed to measure their impact on family income and resource use and allocation at the family level. The results showed the importance of farm income on the perception and the decisions of families in land management and conservation in a causal nexus relation. In that line, the suggested future strategies related to land conservation and management showed a positive impact on the family income, which would promote the importance of the integration between family objectives for having higher income and the proper decisions in land management for sustainability.

### Career Experience

| Job Title  | Place of work  | Date                  |
|--|--|-----------------------|
| <b>Dean's assistant for quality Assurance and development.</b> | <b>University of Jordan-</b> Faculty of Agriculture  | Sep.2018- Present     |
| <b>Tenure track professor</b>                                  | <b>University of Jordan-</b> Faculty of Agriculture  | June 2010 – Present   |
| <b>Socio-economic researcher.</b>                              | <b>National Center for Agricultural Research and Extension (NCARE)</b> at the Socio- Economic Research Studies Program   | Dec. 2009 – May 2010  |
| <b>Socio-economic researcher.</b>                              | <b>National Center for Agricultural Research and Extension (NCARE)</b> at the Socio- Economic Research Studies Program   | Dec. 2004 – June 2006 |
| <b>Technology Transfer Specialist (TTS).</b>                   | <b>National Center for Agricultural Research and Technology Transfer (NCARTT)</b> with HEPTTP (Horticultural Export Promotion and Transfer Technology project) | May 2004 –Nov. 2004   |

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|---|---|----------------------|
| <b>Counselor for social study</b>                         | <b>GTZ - WMIA project</b> (water resources management in irrigated agriculture),                    | Apr. 2003- Dec. 2003 |
| <b>Counselor for the economic and financial appraisal</b> | <b>GTZ</b> , on project: resource-conserving irrigation with Photovoltaic pumping systems in Jordan | Oct. 2001- Mar. 2002 |

#### Administrative works and committees

| Administrative work and committee                  | Date               |
|--|--------------------|
| Assistant Dean for Quality and Development Affairs | Sep. 2017 till now |
|  |                    |
|  |                    |

#### Recent Publications within last five years

| Name of researcher  | Research title, Publisher, Date  |
|---|--|
| <b>Al-Assaf, A.</b> ; Tadros, M.J.; Al-Shishany, S.; Stewart, S.; Majdalawi, M.; Tabieh, M.; Othman, Y.A. | Economic Assessment and Community Management of Prosopis juliflora Invasion in Sweimeh Village, Jordan. <b>Sustainability 2020, 12, 8327</b>                     |
| Tadros, M.J.; <b>Al-Assaf, A.</b> ; Othman, Y.A.; Makhamreh, Z.; Taifour, H.                              | Evaluating the Effect of Prosopis juliflora, an Alien Invasive Species, on Land Cover Change Using Remote Sensing Approach. <b>Sustainability 2020, 12, 5887</b> |
| Majdalawi M., Araj S., Betiebit S. Al-Assaf A., Al AntaryT.,  | Scio-economic analysisi of using cittrus peels to produce essential oils. <b>Fresenius Environmental Bulletin 2020, 29(10):8979-8987</b>                         |

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|---|---|
| Maher J. Tadros, Naji K. Al-Mefleh, Yahia A. Othman, <b><u>Amani Al-Assaf</u></b> ,   | Water harvesting techniques for improving soil water content, and morpho-physiology of pistachio trees under rainfed conditions, <b>Agricultural Water Management 2020, Volume 243, 106464.</b>                             |
| Luca Coscieme, Håkon da Silva Hyldmo, Álvaro Fernández-Llamazares, Ignacio Palomo, Tuyeni H. Mwampa mba, Odirilwe Selomane, Nadia Sitas, Pedro Jaureguiberry, Yasuo Takahashi, Michelle Lim, Maria P. Barral, Juliana S. Farinaci, Julio Diaz-José, Sonali Ghosh, Joyce Ojino, <b><u>Amani Alassaf</u></b> et al. | Multiple conceptualizations of nature are key to inclusivity and legitimacy in global environmental governance, <b>Environmental Science &amp; Policy, Volume 104, 2020, Pages 36-42</b>                                    |
| <b><u>Amani A. Al-Assaf</u></b> , Yolla Y. Al-Asmar, Bart D. Johnsen-Harris & Marwan M. Al-Raggad.  | Spatial mapping of the social value of forest services: A case study of northern Jordan, <i>Journal of Sustainable Forestry</i> , 2016, 35:7, 469-485   |
| Magos Brehm, J., Saifan, S., Taifour, H., Abu Laila, K., <b><u>Al-Assaf, A.</u></b> , Al-Oqlah, A., Al-Sheyab, F., Bani-Hani, R., Ghazanfar, S., Haddad, N., Shibli, R., Abu Taleb, T., Bint-Ali, B. & Macted, N  | Crop wild relatives, a priority in Jordan? Developing a national strategy for the conservation of plant diversity in Jordan using a participatory approach. <i>Enhancing crop genepool use: capturing wild relative and</i> |
| Mohammad Majdalawi, Mohammad Al-Habbab, <b><u>Amani Al-Assaf</u></b> , Mohammad Tabeah, Salah-Eddin Araj, Tawfiq M Al-Antary  | Improving supply chain of date palm by Analyzing the competitiveness using a Constant market share analysis <b>Fresenius Environmental Bulletin Volume 29 – No. 12/2020 pages 10997-11005</b>                               |

### Scientific conferences and symposia

| Conference Title   | Place and date of conference  | Type of participation       |
|--|---|-----------------------------|
| Satellite and Unmanned Aerial Vehicle (UAV) Remote Sensing Applications contributing to the creation of ecologically sustainable food and water management systems | University of Twente (Netherland) & University of Jordan (Jordan), November 11-2020 | Coordinator and Participant |

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|---|--|---|
| ESP Regional Conference Europe 2018   | ” from 14-19 October 2018, in San Sebastián, Spain | Participant                                       |
| The Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), <b>IPBES plenary-6</b> | 16-22 March Medellin , Colombia 2018               | Participant                                       |
| Ecosystem Services Partnership (ESP), Regional MENA conference  | Dead Sea 22-26 April 2018, Jordan.                 | Head of a session ,<br>Speaker<br>And participant |

### Training courses

| Name of course  | Date              |
|---|-------------------|
| University of Twente (Netherland) & University of Jordan (Jordan),  | August 15-20 2019 |
| The basics of ISO. The University of Jordan / Center for Accreditation and Quality Assurance  | 6/ 2019           |
| Specialized training for King Abdullah II Award for Excellence in Governmental Performance and Transparency. King Abdullah II Center for Excellence | 12/2018           |
| Social innovation and entrepreneurship. The University of Jordan / Center for Accreditation and Quality Assurance                                   | 3/ 2019           |
| Training-of-Trainers (ToT) for the "Integrating Ecosystem Services into Development Planning" GIZ, Frankfor   | 10/2016           |

### Teaching activities

| Taught Courses  | Bachelor | Graduate                 |
|---|----------|--------------------------|
| Agricultural Statistics                                       | ✓        | <input type="checkbox"/> |
| Econometrics  | ✓        | ✓                        |
| Seminar in Agricultural Economics and Agribusiness Management | ✓        | <input type="checkbox"/> |
| Agribusiness Cooperatives                                     | ✓        | <input type="checkbox"/> |
| Environmental Economics                                       | ✓        | <input type="checkbox"/> |
| Agricultural Extension  | ✓        | <input type="checkbox"/> |

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| <b>Membership in scientific and professional bodies and societies</b> |
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| <b>Name and place of scientific body and society</b>           | <b>Date</b> |
|--|-------------|
| Ecosystem services partnership                                 | 2019, 2020  |
| National committee of Ecosystem Services chapter / MENA region | 2019        |
| International Long Term Social -Ecological research LTER- NARC | 2012        |
| Agricultural Engineers Associations                            | 2002        |

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| <b>Awards</b> |
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| <b>Name of Award</b> | <b>Donor and place of award</b>  | <b>Date</b> |
|----------------------|--|-------------|
| Fellowship           | Inter-governmental platform for biodiversity and ecosystem services (IPBES)_Asia-Pacific regional Assessment | 2016-2018   |
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|                      |  |             |