

Malath K. Bashabsheh

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AGRICULTURE & ENVIRONMENT ADVISOR

Passionate and detail-oriented Agriculture and Environmental Science professional with a robust background in sustainable development, horticulture, and climate action. A Regional Ambassador for Climate Action and Renewable Energy at Sustainability Global Int. Seeking an advisory role to leverage expertise in crop science, environmental management, and project development. Adept at collaborating with diverse teams and engaging with communities to drive positive environmental outcomes and promote sustainable agricultural practices.

KEY COMPETENCIES

Sustainable Agriculture Practices

Environmental Impact Assessment

Data-Driven Analysis & Research

SPSS, R, Fiji, ImageJ

Report writing and presenting

Critical thinking skills

Excellent communication skills

Project Management & Coordination

Community Engagement & Education

Economic Feasibility Studies

PROFESSIONAL EXPERIENCE

Lecturer

March 2026 - March 2027

Jerash University, Technical College

Teaching the Smart and Sustainable Agricultural Production Technologies Program, preparing diploma students to apply smart technologies and sustainable practices in modern agricultural production systems.

Plant Nursery Supervisor

April - December 2025

Hauran Plant-Garden Center & Nursery

Supervising nursery operations, plant propagation and care, staff management, and quality control of nursery plants.

Agriculture Teacher & BTEC Assessor

Sept 2023 - May 2024

Princess Haya Bint Al Hussein High School

Teaching Plant Production and Environmental & Agricultural Resources for 10th, 11th & 12th grades. Also teaching students to get Pearson BTEC Diploma Certificate in Agriculture.

EDUCATION

M.Sc. Horticulture and Crop Science, 2022-2025. Department of Plant Production, Jordan University of Science and Technology, Irbid, Jordan.

Thesis: "The Economic Feasibility of Mechanized Potato (*Solanum tuberosum* L.) Cultivation Compared to Traditional Agriculture in North Jordan". Advisor: Taha A. Al-Issa. GPA (4.04/4.2)

Bachelor of Plant Production, 2018-2022. Department of Plant Production, Jordan University of Science and Technology, Irbid, Jordan.

Graduated with First Class Honors (1/87). GPA (3.91/4)

PUBLICATIONS

- Al-Issa TA and **Bashabsheh MK**, 2026. The economic feasibility of mechanized potato (*Solanum tuberosum* L.) cultivation compared to traditional agriculture in North Jordan. International Journal of Agriculture and Biosciences 15(1): 343-353. <https://doi.org/10.47278/journal.ijab/2025.204>

PARTICIPATION

Arab Women Leaders in Agriculture Fellowship (AWLA 4)

International Center for Biosaline Agriculture (ICBA)

September 2025 - February, 2026

Wageningen University & Research

Study Tour in The Netherlands, A Guiding Sector Transformation in Horticulture, Potato, and Seed.

April - June, 2024

The Dutch Youth Innovation Award (DYIA)

2022-2023

The First International Hackathon - OKP MENA 30012

October, 2021

ATTENDED MEETINGS AND WORKSHOPS

- Entrepreneurship in Agribusiness, *CABI, 2025.*
- Geographical Information Systems (GIS) and its Applications in Agriculture, *AARDO, 2025.*
- Gender-Inclusive Strategies for Improving Agricultural Productivity, *CABI, 2025.*
- Integrated Pest Management (IPM), *Soybean Innovation Lab, 2025.*
- Lead Poisoning and SDGs Tackling a Health and Development Crisis in Asia and Africa, *AARDO, 2025.*
- Understanding Food Loss, *FOLOU, 2025.*
- Building a gender-responsive policy and legal framework for agricultural investment and supply chains, *FAO, 2025.*
- Climate Change Negotiations for Agriculture Stakeholders, *FAO, 2025.*
- Climate-Smart Soil and Land Management, *FAO, 2025.*
- Farm Machinery and Equipment for Harvest, Post-harvest and Storage, *FAO, 2025.*
- Improving Crop Nutrition Practices, *CABI, 2025.*
- Introduction to Bioprotection Products, *CABI, 2025.*
- Introduction to Seed and Planting Materials, *CABI, 2025.*
- Sustainable Soil Management Practices, *CABI, 2025.*
- Advancements in Food Technologies: Bridging Innovation with a Sustainable Future, *AARDO, 2024.*
- Agriculture, Economics and Nature, *The University of Western Australia, 2024.*
- Agrobusiness, *East-West Seed Knowledge Transfer Foundation & Wageningen University & Research, 2024.*
- A Three Step Guide to Equitable Makerspaces, *University College London, 2024.*
- Crop Advisor Trainer (CAT), *East-West Seed Knowledge Transfer Foundation & Wageningen University & Research, 2024.*
- Data Analysis: Visualizations in Excel, *The Open University, 2024.*
- Exploring Gender Equality In Education, *British Council, 2024.*
- Natural Resources for Sustainable Development in the Middle East and North Africa, *Edraak, 2024.*
- Race and Youth Policy: Working with Young People, *The Open University, 2024.*
- Supporting Climate Action Through Digital Education, *The Open University, 2024.*
- Sustainable Management in the Extractive Industry, *EIT RawMaterials, 2024.*
- Food and Water Linking to the Future: Navigating the Climate Crisis, *Baba Guru Nanak University (BGNU), 2024.*
- Gender Equality, Diversity & Inclusion in Forestry-related Sectors (ForGEDI), *University of Padua, 2024.*
- Train the Trainer Program: The Novice Trainer Level, *Edraak, 2024.*
- Understanding Water Quality, *The Open University, 2024.*
- Vegetable Production Beginner (GPV), *East-West Seed Knowledge Transfer Foundation & Wageningen University & Research, 2024.*

- Waste Up-cycling and Down-cycling, Edraak, 2024.
 - An Introduction to Energy Resources, The Open University, 2023.
 - An Introduction to Sustainable Energy, The Open University, 2023.
 - Effects of Pollutants on the Aquatic Environment, *The Open University*, 2023.
 - Environmental Management and Organizations, *The Open University*, 2023.
 - Train the Trainer: Design Genomics and Bioinformatics Training, *Wellcome Connecting Science Learning and Training*, 2023.
 - Introducing Environmental Decision Making, *The Open University*, 2023.
 - Bioinformatics for Biologists Analysing and Interpreting Genomics Datasets, *Wellcome Connecting Science*, 2022.
 - Hydroponic: Introduction and Concepts, *Make Horticultural Knowledge Work*, 2022.
 - Introduction to making political and social change, *The Open University*, 2022.
 - Energy Resources: Solar Energy, *The Open University*, 2020.
 - Children and Violence: An Introductory, International and Interdisciplinary Approach, *The Open University*, 2020.
 - Climate Change: Transitions to Sustainability, *The Open University*, 2019.
 - Engaging with Postgraduate Research: Education, Childhood & Youth, *The Open University*, 2019.
 - Climate Justice for the Next Generation, *The Open University*, 2018.
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FUNDED RESEARCH

- One-year project (2024 – 2025) funded by the deanship of scientific research in Jordan University of Science and Technology. The project was about “the Economic Feasibility of Mechanized Potato (*Solanum tuberosum* L.) Cultivation Compared to Traditional Agriculture in North Jordan”. Advisor: Taha A. Al-Issa.
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REFERENCES

1. **Taha A. Al-Issa**, Associate Professor of Agricultural Machinery

Department of Plant Production, Jordan University of Science and Technology, P.O Box 3030, 22110, Irbid, Jordan.

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2. **Munir Al-Turk**, Professor of Crop Science/ Forage Crops

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