

## Personal Information

<b>Name</b>	Areej AL Khreisat
<b>Marital Status</b>	Married.
<b>Nationality:</b>	Jordanian
<b>Address:</b>	Department of Land, Water and Environment, Faculty of Agriculture, University of Jordan, Amman-11942, Jordan.
<b>Tel:</b>	Office: 962-06-5355000 .Ext.22444
<b>E-mail</b>	<a href="mailto:alkhreisat@ju.edu.jo">a.alkhreisat@ju.edu.jo</a>

## Qualifications

Qualification	Specialization	University of donor rank	Date
Master Degree	Organic agriculture	The Mediterranean Agronomic Institute of Bar	2008
Bachelor Degree	Land, Water and environment (Head of Class)	University of Jordan	2006

## Specialization and domain of interest

<b>Specialization</b>	<b>Soil and environment</b>
<b>Domain of interest</b>	Soil health and quality ,Soil fertility and fertilizer-Environment, organic agriculture and Climate Change ,sustainability,water use efficiency,

## Links:

<b>Google Scholar</b>	<a href="https://scholar.google.com/citations?user=yJI4dL4AAAAJ">https://scholar.google.com/citations?user=yJI4dL4AAAAJ</a>
<b>Personal website</b>	<a href="#">PublishedResearches - كافة العناصر</a>
<b>ORCID</b>	<a href="https://orcid.org/orcid-search/search?searchQuery=Areej%20AL%20Khreisat">https://orcid.org/orcid-search/search?searchQuery=Areej%20AL%20Khreisat</a>
<b>Scopus</b>	<a href="#">Al-Khareisat, Areej - Author details - Scopus</a>
<b>Research Gate</b>	<a href="https://www.researchgate.net/profile/Areej-Al-Khareisat">https://www.researchgate.net/profile/Areej-Al-Khareisat</a>

<b>Factually website</b>	<a href="http://School of Agriculture:: The University of Jordan :: Areej AL Khreisat">School of Agriculture:: The University of Jordan :: Areej AL Khreisat</a>
--------------------------	--

### Career Experience

<b>Job Title</b>	<b>Place of work</b>	<b>Date</b>
Lecturer	University of Jordan-Faculty of Agriculture/Land, Water and Environment Department	February 2019 to present
Fulltime-lecturer	University of Jordan-Faculty of Agriculture/Land, Water and Environment Department	September 2009 - 2019
Junior expert	Ministry of Water and Irrigation –Program management unit(PMU)	July 2008-march 2008
Teaching assistant	University of Jordan-Faculty of Agriculture/Land, Water and Environment Department-GIS lab	July 2006- November 2006

**Courses taught:**

- ↳ Principles of soil:2013-present
- ☒ Principles of soil and irrigation:2025-present
- ☒ Soil and environment:2024-2025
- ☒ Practical training in Water, Land and Environment:2014
- ☒ Soil fertility and fertilizer:2024,205
  - Environmental soil chemistry:2024,205
- ☒ Seminar in Land, water and Environment
  - Preservation of Soil Environment
- ☒ Soil laboratory:2009/2010-present

**Recent Project:** SOIL health monitoring and information systems FOR sustainable soil management in the MEDiterranean region. (Soils4Med)

DATE:May 2023-Nov. 2026.

Sponsors PRIMA

Participants Università di Sassari (UNISSL) CIHEAM-B ICARDA Universidad de Sevilla  
Université de Poitiers (UNIPOI) Centro Ricerca Sviluppo e Studi Superiori in  
Sardegna (CRS4) Hellenic Agricultural Organization (DIMITRA) Università di  
Palermo (UNIPA) University of El Zagazig (UZAG) Lebanese Agricultural  
Research Institute (LARI) Università di Milano (UNIMI) University of  
Cukurova (UCUK) Università Federico II di Napoli (UNINA) EC – Joint  
Research Centre (JRC)

Quantity jordan dinar: 140,000

**Recent Publications”**

AL-Bakri, J., AL-Khreisat, A., Shawash, S., Qaryouti, E. and Saba, M. 2017. **Assessment of Remote Sensing Indices for Drought Monitoring in Jordan.** *Asian Journal of Geoinformatics*, 17,(3 ):1-13

AL-Khreisat, A. and Abu-Sharar, T. 2018. **Reuse of Reclaimed Wastewater in Irrigation: Review of Jordan’s Experience.** *Jordan Journal of Agricultural Sciences*, 14(1): 91-103.

Areej Al-Khreisat, , Jawad T Al-Bakri, Guido D’Urso, Charles Batchelor, Motasem Abukhalaf, Adel Alobeiaat, Domitille Vallee. 2022. **Remote Sensing-Based Agricultural Water Accounting for the North Jordan Valley.** *Water* 14 (8), 1198

A Al-Khreisat, Q Abdelal, MR Al-Kilani, J Al-Bakri, I Damra, O Al-Kilani.2025.**Water-energy-carbon cost of compensating atmospheric water losses from open irrigation ponds in arid regions..***Global Journal of Environmental Science and Management* 11 (4), 1455-1470.

[View article](#)

Areej Al-Khreisat, Jawad Al-Bakri, Mais Atiyat, Muhammad Rasool Al-Kilani, Ibrahim Farhan, Claudio Zucca, Wala Khudairat.2025. **Soil analytical capabilities for sustainable**

land management across national soil services in the Mediterranean. *Sustainability*. 17(18), 8228pp.

Jawad Al-Bakri; Mais Atiyat; Muhammad Rasool Al-Kilani; Areej Al-Khreisat; Ibrahim Farhan; Claudio Zucca. 2026. **Towards Harmonized Soil Intelligence: Insights from a Multi-Country Survey of Mediterranean Soil Information Systems**. *Euro-Mediterranean Journal for Environmental Integration*. 26.

### Scientific conferences and symposia

Conference Title	Place and date of conference	Type of participation
Capacity Development Project for Non-Revenue Water Reduction Phase 2 (2009-2011) - Ministry of Water and Irrigation	Kempinski Hotel - Amman 2009	Participant
Awareness workshop 1 /bio Jordan-IMO Sports	Sport city-Amman-Jordan 2009	Participant
Scientific Day titled with Organic Agriculture. Association of Agricultural Engineers	Greater Amman Municipality – Amman-2009	Lecturer
Developing teaching skills for faculty members	University of Jordan-Amman-2011	Participant
9 th SESAME Users' Meeting	November 2011	Participant

Rainwater harvesting for coping with water scarcity and enhancing food security	University of Jordan-Amman-2022	Participant
virtual webinar on climate change impacts and policies for adaptation and resilience	Microsoft teams platform -30/5/2022	Participant
Course File System Tutorial-microsoft teams platform	Microsoft teams platform -14/6/2023	Participant

### Training courses

Name of course	Date
The mandatory course for faculty development -University of Jordan - Amman - Jordan	(15/1-16/2)/2012
Arabic language efficiency Exam – Jordan Academy of Arabic	2019
Employing the (Microsoft Teams) application to facilitate distance learning) - (ONLINE)- University of Jordan	23/4/2020
Preparing and conducting digital tests using the Microsoft Forms application-(ONLINE)- University of Jordan	29/4/2020
a training workshop for using the Salasil Desktop program in educational lectures – Online- University of Jordan	15/6/2020

Analyzing the results of multiple choice tests (MCQ test item analysis)- Online- University of Jordan	29/3/2021
E-learning and blended learning workshop for summer 2022	(5-7)/7/2022
Convert numeric grade to character grade- Online- University of Jordan	15/11/2023
Training on enhancing university publications in sustainable development goals(SDGs)-online	29/10/2025

#### **Workshops and Professional Activities:**

#### **Soil Health Monitoring and Information Systems for Sustainable Soil Management in the Mediterranean Region**

*First Workshop*

12 January 2025

#### **SOILS4MED – Joint Meeting (WP6–WP8)**

WP6 meeting postponed to 17 April 2024

Online meeting with WP2, 9 April 2024

#### **The First Arab Forum on Water Scarcity and Its Management in Arid and Semi-Arid Regions**

University of Jordan, 2024

#### **Educational Content Digitization Project**

January 2025

#### **Course File System Tutorial**

Microsoft Teams Platform, 14 June 2023

#### **Virtual Webinar: Climate Change Impacts and Policies for Adaptation and Resilience**

Microsoft Teams Platform, 30 May 2022

#### **Rainwater Harvesting for Coping with Water Scarcity and Enhancing Food Security**

University of Jordan, Amman, 2022

#### **Departmental Committees:**

Social Committee,

Digitalization Committee,

Competency Examination Committee,

Laboratory Equipment and Instruments Committee,

Library Committee,

**faculty-Level Committees:**

Executive Plan Committee,

**Professional Membership**

Member, Jordan Agricultural Engineers Association.