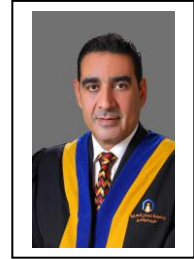


Date: 2024-2025



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: Dr. Omar Asad Mohammad Ahmad
Academic Rank: Associate Professor
College: Engineering
Department: Civil Engineering
Nationality: Jordanian
Address: Amman, Jordan
Phone No: +962 797963630
E-mail: oahmad@aaau.edu.jo

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- BSc in Engineering Geology, Russian Friendship University, Russia, 1993.
- M.Sc. in Engineering Geology, Russian Friendship University, Russia, 1995.
Dissertation title: Natural Groundwater and Under-groundwater Resources.
- Ph.D. in Water and Environmental Engineering [Engineering Hydrogeology], Russian Friendship University, Russia, 1999.
Dissertation title: The Integrated use and the protection of water resources of Amman city region.

ACADEMIC EXPERIENCE

- Duration: 2024-2011
- University: Sebha
- Academic Rank: Assistant professor
- Date the rank was granted: 2004
- The body granting the rank: Sebha University
- College: Engineering/ Civil Engineering Department.
- Country: Libya

دائرة الموارد البشرية
Human Resources Department

- Duration: 2011-2014
- University: Zarqa University
- Academic Rank: Assistant professor
- Date the rank was granted: 2011
- The body granting the rank: Zarqa University
- College: Engineering and Technology / Civil Engineering Department.
- Country: Jordan
- Duration: 2014-2017
- University: Zarqa University
- Academic Rank: Associate Professor
- Date the rank was granted: 2014
- The body granting the rank: Zarqa University
- College: Engineering and Technology / Civil Engineering Department.
- Country: Jordan
- Duration: 2017-Unti now
- University: Amman Arab University
- Academic Rank: Associate Professor
- Date the rank was granted: 2017
- The body granting the rank: Zarqa University
- College: Engineering / Civil Engineering Department.
- Country: Jordan

NON-ACADEMIC EXPERIENCE

- Duration: 2000-2004
- Company: Union Engineering Group
- Department: Soil and Engineering Geology Site Investigation
- Senior Engineer
- Country: Jordan

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- Jordanian Engineering Association — water and environmental specialist.

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Member, JEA Jordan Engineer Association, Jordan
- Member of International Society for Development and Sustainability (ISDS) Fukuoka, Japan.
- Reviewer for Journal of Applied Science, Sebha University.
- Reviewer for Journal of Earth and Environmental Science, USA, David Publishing Company.

HONORS AND AWARDS

- None

SERVICE ACTIVITIES

- Research for the local community.
- Academic leadership.
- Participation in many seminars and training workshops.

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Omar Asad Ahmad, (2025). Predicting future contamination spread using 3D modeling: A case study of lead, cadmium, and arsenic contamination. *Journal of Ecological Engineering*, **26**(5), 344-354.
2. Omar Asad Ahmad, (2025). The effect of anthropogenic activities on soil quality (Shafa Badran watercourse) in the Al Zarqa River Basin. *Journal of Ecological Engineering*, **26**(3), 108-118.
3. Omar Asad Ahmad, (2022). The Feasibility of Heavy Metals Removal from Drinking Water Sources Containing Sulfide Ions by Pillared White Sand of Different Grains Size, *Polish Journal of Environmental Studies*, **31** (4), 2997-3004.
4. Omar Asad Ahmad, Gazzaz N., Al Shebani A., (2022). Ground water quality in Wadi Shati (Libya): Physico-chemical analysis and environmental implications, *Journal of Water and Land Development*, 128-137-128-137.
5. M Alrawashdeh, A Shaqadan, OA Ahmad, IAHA Yousef, AE Alzoubi, (2021). Assessment of Environmental Factors on Corrosion in Reinforced Concrete with Calcium Chloride. *Civil Engineering and Architecture*, **9** (6), 1985-1995.
6. OA Ahmad, S Ayyad, (2021). Secondary Treated Wastewater as a Concrete Component and Its Impact on the Basic Strength Properties of the Material. *Archives of Civil Engineering*, **67** (1), 571-583.
7. S Ayyd, OA Ahmad, (2021). The Use of Sand Columns in the Reinforcement of Weak Layers in Road Engineering. *Archives of Civil Engineering*, **67** (1), 527-838.
8. OA Ahmad, AM Al-Kassasbeh, MA Al-Rawashdeh, (2021). Fabrication of Polymer Concrete of Light Weight and High Performance. *International Journal of GEOMATE*, **20** (77), 116-122.
9. OA Ahmad, (2021). The Usefulness of Construction and Destruction Waste as Recycled Aggregates in Concrete. *International Journal of GEOMATE*, **19** (75), 8-18.

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Erasmus+ staff mobility for teaching and training between AAU and Birmingham City University, City Birmingham - UK, 2022.
- Participation in workshops of Water sciences and water pollution and smart solutions organized by Royal Scientific Society RSS, Amman, Jordan.
- Participation in seminars and workshops in Water sciences and water pollution and sustainable by Ministry of water and Irrigation, Amman, Jordan.
- Participation in local and regional conferences in the field of water, energy, environment and sustainability.

RESEARCH LINK (Scopus and Google Scholar)

- <https://www.scopus.com/authid/detail.uri?authorId=56624264800>
- <https://scholar.google.com/citations?user=BgsCFhEAAAAAJ&hl=en>
- <https://orcid.org/0000-0002-2926-1824>

- <https://www.researchgate.net/profile/Omar-Asad-Ahmad>

LANGUAGES

- Arabic
- English
- Russian