

Date 06/10/2023

**SAMI AYYAD**



### PERSONAL INFORMATION

Title: Faculty Member

Academic Rank: Assistant Professor

Date & Place of Birth: 5-11-1972

Nationality: Jordan

Address: Amman Arab University

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### ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
PhD	Design and Construction of Roads, Subways, Airdromes, Bridges and Vehicular Traffic Tunnels	1998-2002	Moscow Automobile and Road Constructions Institute (State Technical University)	Russia

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**Human Resources Department**

**TEACHING EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2018 -Till date	Assistant Professor	Amman Arab University (AAU)	Department of Civil Engineering / Faculty of Engineering	Jordan
2017– 2018	Assistant Professor	Middle East University (MEU)	Department of Civil Engineering / Faculty of Engineering Technology	Jordan
2015-2017	Assistant Professor	Applied Science Private University (ASU)	Department of Civil Engineering / Faculty of Engineering Technology	Jordan
2012- 2015	Assistant Professor	Al Isra University	Department of Civil Engineering / Faculty of Engineering	Jordan
2004 – 2006	Assistant Professor	Al Margeb University Department of Civil	Department of Civil/ Engineering / Faculty of Engineering	Libya

**OTHER EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2010.-2012	Projects Manager	First Option Project Construction Management Co.& Falcon Construction Co. & EMC-Falcon Electro Mechanical Contracting Co.		Egypt, Jordan

2009 – 2010	(NOC) Coordinator	Storytransgaz - (STG)	----- -	UAE
2006 – 2009	QA/QC Manager	Target Engineering Construction Co	----- -	UAE
2002 – 2003	Project Engineer	Abu Menna Institution for Construction projects	----- -	Jordan

PUBLICATIONS				
JOURNALS				
Author/s (In Order)	Title	Journal	Vol./No.	Publication Date

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Sami Ayyad, Monther Alawneh	Effect of Concrete Parameters on Local Fracture Energy of Concrete	International Journal of Applied Engineering Research	Volume12 Number 5 (2017) pp.793-796	April 2017
Sami Ayyad, Eleyan Issa Jamal Issa & Sallam Shoroq	The Effect of Steel Fiber and Internally Curing on the Strength of Self-Consolidated Concrete	Modern Applied Science	Vol. 14, No. 2; 2020 ISSN 1913-1844 E-ISSN 1913-1852	2020
Omar Asad Ahmad, Sami Ayyad	SECONDARY TREATED WASTEWATER AS A CONCRETE COMPONENT AND ITS IMPACT ON THE BASIC STRENGTH PROPERTIES OF THE MATERIAL	Archives of Civil Engineering	Vol.67 Issue 1, pp.571-583	2021
Sami Ayyad, Omar Asad Ahmad	THE USE OF SAND COLUMNS IN THE REINFORCEMENT OF WEAK LAYERS IN ROAD ENGINEERING	Archives of Civil Engineering	Vol.67 Issue 1, pp.527-538	2021
Sami M. Ayyad	Design criteria for the floating walkways and pontoons considering the extreme climatic conditions	Marine Science and Technology Bulletin	e-ISSN: 2147-9666, (11(2): 169-178	2022
Sami Ayyad, Mousa Bani Baker, Ahmed Handam, Takiaddin AlSmadi,	Reducing the Highway Networks Energy Bills using Renewable Energy System	Civil Engineering Journal	E-ISSN: 2476-3055; ISSN: 2676-6957, Issue 11 of Volume 10	November 2023
Sami Ayyad	COEFFICIENT OF LATERAL SOIL PRESSURE WHEN USING REINFORCED AND UNREINFORCED PILES FILLED SAND & GRANITE GRAIN FOR STRENGTHENING ROADS LAYERS	Cogent Engineering	ISSN : 2331-1916	2024-10-03

CONFERENCES				
Author/s (In Order)	Title	Conference	Country	Date

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Sami Ayyad	MANUFACTURING AND REINFORCEMENT CONCRETE PRECAST (PONTOONS)	International of Arts & Sciences Academic Conference FHWien University of Applied Science of WKW, Vienna	Austria	17-22 April 2016
S. Muawiya, N. Nabil, A. Sami	Optimizing the Use of Rainfall-Fed Recharge in Main Wadis to Augment Storage in Aquifers as a Key Performance Indicator of Water Governance Strategy	Al – Isra University International Civil Engineering Conference	Jordan	7 April 2015

## MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

- ◆ Member, Engineers Association, Jordan Since 1998
- ◆ Member, Engineers Association, Libya Since 2004
- ◆ Member, Union Engineers net Since 2010

## UNIVERSITY COMMITTEES

- Academic Support Committee/Member - University
- Preparing and following up on the implementation of the strategic plan/Member - University
- Advisory Council/Member - Faculty
- College of Engineering Council//Member - Faculty
- Committee of Scientific Research/Member - College
- Strategic Planning Committee/Member - College
- Study Plans Committee/Faculty Member
- Advisory Board/Head - Department
- Study Plans Committee/Head - Department
- Quality Assurance Committee/Member - Department
- Scientific Research Committee/Member - Department
- Committee for the Development of Measuring the Effectiveness of Academic Programs/Member - Department
- Field Training Committee/Member - Department
- Graduation Projects Committee/Head of Department

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- Student Affairs Committee/Member - Department
- Committee to study the creation of specializations/Head of the Department
- Committee for Integrating Face-to-Face Education with E-Learning/Member - Department.
- Oversight and Inspection Committee/Member - Department.
- University Proficiency Examination Committee/Member - Department
- Faculty Recruitment Committee/Member - Department
- Academic Advising Committee - Head – Department

### **The training courses he attended**

2023-2024 Creating asynchronous content for courses - Amman Arab University

2022-2023 Foundations and mechanism for conducting the equivalency of academic courses - Amman Arab University

2022-2023 Publishing in international peer-reviewed journals - Amman Arab University

2022-2023 - Academic supervision of university theses and the role of the academic supervisor - Amman Arab University

2022-2023- Using modern technologies in teaching - Amman Arab University

2022-2023- Evaluating learning outcomes and preparing exams and evaluation tools - Amman Arab University

2022-2023- Office services for private Jordanian universities - Amman Arab University

2022-2023- Designing and preparing academic courses according to the type of learning - Amman Arab University

2022-2023- Jordanian Accreditation for Academic Programs - Amman Arab University

2022-2023 - International accreditations and academic classifications - Amman Arab University

2022-2023-Strategic Planning - Amman Arab University

2022-2023-Study plans and their development - Amman Arab University

2022-2023 - Foundations of creating academic programs and studying and reviewing programs - Amman Arab University

2022-2023- Springer database training course - Amman Arab University

2022-2023 - Mechanisms for implementing distance and blended e-learning - Amman Arab University

2021-IELTS A2

2021-EON-XR Educator Course

-10/2019 Training Program for Early Career Academics in STEM at Jordanian Universities, British Council

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- 2018 workshop to develop the professional performance of new faculty members at the Middle East University (MEU)

2017 - Road Maintenance Workshop - Reality and Ambition

-02/08/2016 Workshop - Traffic reality in Jordan - Problems and solutions - Jordanian Engineers Association

2016 Workshop - Designing Asphalt Mixtures - Jordanian Engineers Association

-20-22/10 2015 Professional Performance Development Workshop for New Faculty Members, Applied Science Private University - Amman - Jordan

2014- Conversation in English - Al-Isra University

-9-25- 2012 Professional performance development workshop for new faculty members at the college - Al-Isra University

Al - Amman - Jordan

2009-Computer Science and Languages

2003-Ready software

## RESEARCH INTERESTS

Highway, Transportation, Traffic, Subways, Aerodromes, Bridges and Vehicular Traffic Tunnels, Construction Materials

## LANGUAGES

1. Arabic
2. English
3. Russian

## REFERENCES

1. Professor Abdullah Al-odenaat . Dean of Engineering Faculty previously , Amman Arab University-0796672518
2. Professor Khaled Irkhais Al Tarawneh. Dean of Engineering Faculty previously , Amman Arab University-0795544008
3. Professor Jihad Alhalabi,dr.jehadhalabi@gmail.com
4. Professor Mamoun Bader, AL Faisal University, [mbader@alfaisa.edu](mailto:mbader@alfaisa.edu)
5. Professor Amer Fakhori, [amerfakhori@gmail.com](mailto:amerfakhori@gmail.com)
6. Dr. Ahmad Handam University of Al-Hussein Technology,077777 2368
7. Dr. Khaled Ramadan University of Petra, 0777371999



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8. Dr. Ayman Awwad Middle East University, 0797980703  
9. Dr. Ziad Taqi Edden University of Petra, 07996821361