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OMAR ASAD MOHAMD AHMAD



PERSONAL INFORMATION

Title: Faculty Member – Civil Engineering Department

Academic Rank: Associate Professor

Date & Place of Birth: 04/09/1969 – Jordan / Zarqa.

Nationality: Jordanian

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
PhD	Engineering Hydrogeology	1995-1999	Russian Friendship University	Russia
MSc	Engineering Geology	1993-1995	Russian Friendship University	Russia
BSc	Engineering Geology	1987-1993	Russian Friendship University	Russia

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TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2004-2011	Assistant Professor	Sebha University	Department of Civil Engineering / Faculty of Engineering	Libya
2011-2014	Assistant Professor	Zarqa University	Department of Civil Engineering / Faculty of Engineering Technology	Jordan
2014-2017	Associate Professor	Zarqa University	Department of Civil Engineering / Faculty of Engineering Technology	Jordan
2017-Present	Associate Professor	Amman Arab University	Department of Civil Engineering / Faculty of Engineering	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2001-2004	Senior Engineer	Union Engineering Group	Soil and Engineering Geology Site Investigation	Jordan

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PUBLICATIONS				
JOURNALS				
Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
Omar Asad Ahmad, Gazzaz N., Al Shebani A.	Ground water quality in Wadi Shati (Libya): Physico-chemical analysis and environmental implications	Journal of Water and Land Devolvement	Accepted August 30, 2021	
Omar Asad Ahmad	Strength behavior of transitional group A-2-7 soil stabilized with fly ash and lime powder	Archives of Mining Sciences	Accepted August 09, 2021	
Al-Rawashdeh M., Ashraf S., Omar Ahmad, Ahmed Y., Isam H.	Assessment of Environmental Factors on corrosion in Reinforced Concrete with Calcium Chloride.	Journal of Civil and Architecture	Vol .9 Issue 6, pp. 1985-1995	1st. September, 2021
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
Omar Asad Ahmad, Abdel Majeed Al Kassasbeh, Mohammed Abed Al Rawashdeh	FABRICATION OF POLYMER CONCRETE OF LIGHT WEIGHT AND HIGH PERFORMANCE	International Journal of GEOMATE	Vol.20 Issue 77, pp.116-122	Jan., 2021
Omar Asad Ahmad	THE USEFULNESS OF CONSTRUCTION AND DESTRUCTION WASTE AS RECYCLED AGGREGATES IN CONCRETE	International Journal of GEOMATE	Vol.19, Issue 75, pp.8-18	Nov., 2020

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Omar Asad Ahmad	Production of high-fume silica concrete	American Journal of Applied Sciences	14 (11): 1031-1038	2017
Omar Asad Ahmad, Awad M.T.	Effects of Different Environments on Reinforcement Concrete Corrosion.	American Journal of Environmental Sciences	13 (4) : 307-314	2017
Omar Asad Ahmad	Using Crump Rubber (CR) of Scrap Tire in Hot Mix Asphalt Design.	American Journal of Applied Sciences	14 (2): 274.285	2017
Nafi Abdel Rahman Youssef, Omar Asad Ahmad	Soil Improvement by Marble Stone Slurry Wastes.	Electronic Journal of Geotechnical Engineering	Vol. 20, Bund. 8. pp. 2221-2233	2015
Omar Asad Ahmad	Determination of macro and micronutrients levels in organic manure soils and irrigation water.	Journal of Civil and Environmental Research	Vol.7, No.2, (Paper) 2224-5790, (Online) 2225-0514 pp.16-22	2015
Omar Asad Ahmad, Awad M.T	The effects of polypropylene fibers additions on compressive and tensile strengths of concrete.	International Journal of Civil and Environmental Engineering	Vol.37, Issue.1, pp.1365-1372.	March 2015.
Al Rawashdeh M., Omar Asad Ahmad	The environmental impacts of calcium chloride addition to cement on reinforcing steel corrosion	Journal of Chemistry and Materials Research	Vol.3 No.9 pp.137-147.	2013
Omar Asad Ahmad	The effect of organic waste addition on biochemical factors and availability of phosphorus in desert soils.	Journal of Environment and Earth Science.	Vol 3, No 4, pp. 67-73	November, (2013)
Omar Asad Ahmad, Al	Study of Sandy Silica Properties in Area of Edree (Libya) and the Possibility of Using in Various Engineering Industries	Journal of Environmental and Engineering	Vol 20 pp. 1137-1141	September, 2012.

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Rawashdeh M., Al Omari O.		Science and Technology A.		
Omar Asad Ahmad, Al Rawashdeh M	The Possibility of Agricultural Drainage Water Reuse in Agricultural Project	Journal of Environmental and Engineering Science and Technology A.	Vol 20 pp. 1096-1100	September 20, 2012.
Omar Asad Ahmad	Mineralization of Organic Nitrogen in Soil	Sharjah Journal for Pure and Applied Science	Vol. 4, no. 3, pp. 17-33	(Oct. 2007) ISSN: 1645-1811
CONFERENCES				
Author/s (In Order)	Title	Conference	Country	Date
Omar Asad Ahmad	The Effect of Chlorination and Sand Grain Size on Adsorption-Retention of Some Heavy Elements in Sulfide Water.	1 st International Conference on Water Security.	Canada-Toronto	June 2018
Omar Asad Ahmad	Improvement of Compressive and Tensile Strengths of Concrete Using polypropylene Fibers.	ICCEE 2015 : 8 th International Conference on Civil and Environmental Engineering	USA – Miami/ Florida	March 2015
Omar Asad Ahmad	Study of Sandy Silica Properties in Area of EDREE (Libya) And the Possibility of Investment in Different	10 th International Conference of Jordanian Geologists Association in association with 7 th International	Amman, Jordan.	2011

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	Engineering Industry,	Symposium on Middle East Geology		
Omar Asad Ahmad, Suleiman M.S.	Environmental Study of Underground Water Quality in Wadi Arial Project and Evaluate its Impacts as Corrosive Environment	2 ^{ed} Zarqa Engineering Science Conference, Zarqa Privet University and Jordanian Engineering Association.	Zarqa, Jordan.	2010
Omar Asad Ahmad	Study of Underground Water Properties in Wadi Alshati Region and Estimate Deterioration its Quality	2 ^{ed} Zarqa Engineering Science Conference, Zarqa Privet University and Jordanian Engineering Association.	Zarqa, Jordan.	2010
Omar Asad Ahmad, Abdalah M.A.	Mineralization of Organic Phosphorous in Soil.	1 st International Conference "Organic Agriculture-Limitations and Future"	Ain Shams University, Egypt.	2010
Omar Asad Ahmad, Faruj F.	Recycling solid residual of Building materials in Building manufacture,	1 st Conference of Architecture in Deserts Regions,	Sebha, Libya.	2008
Omar Asad Ahmad, Ramadan E.	The Impact of Irrigation Water on Soil Degradation Of Wadi-Alshati Region	Desert and Desertification conference.	Sebha, Libya.	2007

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Omar Asad Ahmad	Study of Clay Rocks Minerals in Ashkada and Brack-Alshati Regions	3 th building materials Conference.	Mesrata, Libya.	2006.
Omar Asad Ahmad	Using Engineering Geological Secondary Structures in Determining Petroleum Reservoirs	9 th Mediterranean petroleum Conference and Exhibition	Tripoli, Libya.	2006.

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

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

UNIVERSITY COMMITTEES

Member of Quality Assurance Council, Amman Arab University, 2017-Present.

Member of Scientific Research Council, Amman Arab University, 2017-2018.

Member of Competency Test Committee, Amman Arab University, 2017-2019.

Quality Officer of Faculty of Engineering and Technology, Zarqa University, Jordan, 2011-2014.

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Member of the Committee for the development of graduate programs at Zarqa University, Jordan.

Head of Examination committees in Faculty of Engineering and Technology, Sebha University. 2006-2010.

Member of many committees in the Civil @ Environmental Engineering Department at Sebha University.

Member of promotion committees in the Environmental Engineering Department at Sebha University.

Member of promotion committees in the Civil Engineering Department at Sebha University.

RESEARCH INTERESTS

1. Recycling, Reuse of building material in new green civil engineering.
2. Recycling of wasted water in varies purposes in civil supplying.
3. Use of natural green material in new Architectural Design.
4. Soil improvement and contamination investigation.

LANGUAGES

1. Arabic
2. Russian
3. English

REFERENCES

1. Full Professor Khaled Irkhais Al Tarawneh. Dean of Engineering Faculty, Amman Arab University.
2. Full Professor Taisir Hasan Ismail. Dean of Faculty Engineering Technology, Zarqa University.
3. Full Professor Abdel Salam Akash. Head of Civil Engineering Department, Sebha University.

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4. Full Professor Mamsour Eweidat Salem, Vice President Sebha University, Sebha University.