FACULTY VITAE

GENERAL INFORMATION		
Name	**Nationality**	
Salah H. Aljbour	Jordanian	

EDUCATION			
DEGREE	**DISCIPLINE**	**INSTITUTION**	**YEAR**
PhD	Chemical Engineering	Nagoya University/Japan	2010
MSc	Chemical Engineering	University of Twente /The Netherlands	2004
BSc	Chemical Engineering	Jordan University for Science & Technology /Jordan	2002

ACADEMIC EXPERIENCE			
INSTITUTION	**RANK/TITLE**	**PERIOD**	**FT/PT**
Mutah University / Jordan	Professor	2022 - Present	FT
Mutah University / Jordan	Associate Professor	2017 - 2022	FT
Mutah University / Jordan	Assistant Professor	2012-2017	FT
Mutah University / Jordan	Lecturer	2011-2012	FT

NON-ACADEMIC EXPERIENCE			
COMPANY/ENTITY	**RANK/TITLE**	**PERIOD**	**FT/PT**
National Institute for Environmental Studies / Tsukuba/Japan	Post-doc	2010-2011	FT
Nagoya University / Japan	Teaching Assistant	2007-2010	PT
Nagoya University / Japan	Research Assistant	2007-2010	PT
Nagoya University / Japan	Research Student	2006-2007	PT
Badia Research and Development Centre / Jordan	Researcher + Field Engineer	2005-2006	FT
University of Twente / The Netherlands	TwAIO	2002-2004	PT

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	
ORGANIZATION	**PERIOD**
Jordan Engineers Association	2002-present

HONORS & AWARDS

Japanese Government (MONBUKAGAKUSHO: MEXT) Scholarship to pursue a PhD study in Chemical Engineering (2006-2010)

University of Twente Appointment to pursue the MSc. degree in Chemical engineering (2002-2004)

Jordan Armed-Forces Scholarship (Royal Makruma) to pursue the BSc. degree in Chemical Engineering(1997-2002)

SERVICE ACTIVITIES (Within and Outside the Institution)

Representative of the College of Engineering at the University Council, Mutah University (2022-2023).

Representative of the Chemical Engineering Department at the Engineering Council, Mutah University (2022-2023).

Head of Safety and Emergency Committee, College of Engineering, Mutah University, 2021-2022

Member of Council of Prince Faisal Center For Dead Sea, Environmental and Energy Research, Mutah University (2019-2021).

Head of Chemical Engineering Department, Mutah University, Jordan (Sep. 2019 - Sep. 2020)

Dean Assistant for Industry-Academia Collaboration, Mutah University, College of Engineering, Jordan (Jan. 2018 - Sep. 2018)

Head of Chemical Engineering Department, Mutah University, Jordan (Sep. 2013 - Sep. 2018)

Member of Industrial Engineering Department Council, Mutah University, Jordan (Sep. 2013 - Sep. 2018)

Member/Head of Several Committees of the Engineering Council , Mutah University, Jordan (Sep. 2013 - Sep. 2018)

IMPORTANT PUBLICATIONS AND PRESENTATIONS (The Past Five Years)

- Al-Thunibat, I. M., Al-Harahsheh, A. M., Aljbour, S. H., & Shawabkeh, A. (2023). Chemical and Mechanical Properties of Attarat (Jordan) Oil Shale Ash and Its Engineering Viable Options. Solid Fuel Chemistry, 57(2), 138-146.
- Rima A. Aljeradat, Salah H. Aljbour, Nabeel Jarrah, " Performance of chemically modified Tripoli in catalytic pyrolysis of date kernels", Accepted for publication Case Studies in Chemical and Environmental Engineering (2023).
- Rozalya Alhunity, Salah H Aljbour, Emad El Qada, "Life Cycle Assessment of Asphalt Mix Containing Jordanian Oil Shale Ash", Ecological Engineering & Environmental Technology, 2023, Vol. 24, No. 2, pp. 79–86.
- Salah H Aljbour, "Occupational accidents and work injuries in Jordan’s economic sectors between 2010 and 2019", Jordanian Journal of Engineering and Chemical Industries (JJECI) (2022), Vo. 5, No. 2, pp. 32-45.

- Al-Maaitah, Rawan A., and Salah H. Aljbour. "Impacts of quality management systems on occupational safety and health in industrial laboratories." International Journal of Human Factors and Ergonomics 9, no. 3 (2022): 282-310.
- Al-Mrayat, Tuqa, Husam Al-Hamaiedeh, Tayel El-Hasan, Salah H. Aljbour, Ziad Al-Ghazawi, and Osama Mohawesh. "Pyrolysis of domestic sewage sludge: influence of operational conditions on the product yields using factorial design." Heliyon (2022): e09418.
- Haitham Qaralleh, Khaled M Khleifat, Ma Hajleh, Muhamad O Al-Limoun, Rawan Alshawawreh, Mousa K Magharbeh, Talal Salem Al-Qaisi, Husni S Farah, Ta El-Hasan, Amjad Al-Tarawneh, Salah H Aljbour, Moath Alqaraleh, "Plant Growth-Promoting Rhizobium Nepotum Phenol Utilization: Characterization and Kinetics." Journal of Hunan University Natural Sciences 49, no. 4 (2022).
- Rima A. Aljeradat, Salah H. Aljbour, Nabeel, Jarrah, “Pyrolysis of date kernels using natural Jordanian Tripoli as a catalyst under different operational conditions”, Case Studies in Chemical and Environmental Engineering. 2022 May 2:100212.
- Salah H. Aljbour, Katsuya Kawamoto, Tomohiko Tagawa, Hiroshi Yamada, "Kovar Tube as a Potential Catalyst for Conversion of Tar Produced from Biomass Gasification", 2021, Accepted for publication in Chemistry and Chemical Technology.
- Mousa K. Magharbeh, Khaled M Khleifat, Mohammad A. Al-kafaween, Razan Saraireh, Moath Alqaraleh, Haitham Qaralleh, Amjad Al-Tarawneh, Muhamad O. Al-limoun, Tayel El-Hasan, Tayel Hujran, Salah Aljbour, Nabeel Jarrah, Malik Amonov, Hamid Ali Nagi Al-Jamal, "Biodegradation of Phenol by Bacillus simplex: Characterization and Kinetics Study", Applied Environmental Biotechnology, 2021 6(2): 1-12
- Rima A. Aljeradat, Salah H. Aljbour, Nabeel A. Jarrah, "Natural Minerals as Potential Catalysts for the Pyrolysis of Date Kernels: Effect of Catalysts on Products Yield and Bio-oil Quality", 2021, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, (2021) 1-9.
- Maryam Al-Hajaya, Salah H. Aljbour, Husam Al-Hamaiedeh, Mahmoud Abuzaid, Tayel El-Hasan, Safwat Hemidat, Abdallah Nassour (2021), "Investigation of Energy Recovery from Municipal Solid Waste: A Case Study of Al-Karak City/Jordan", Civil and Environmental Engineering, 17, no. 2 (2021): 610-620.
- Salah H Aljbour, Khaled M Khleifat, Amjad Al Tarawneh, Batool Asasfeh, Haitham Qaralleh, Tayel El-Hasan, Mousa K Magharbeh, Muhamad O Al-Limoun, "Growth Kinetics and Toxicity of Pseudomonas fredriksbergsis Grown on Phenol as Sole Carbon Source", Journal of Ecological Engineering, 2021, 22 (10), 251-263.
- Salah H. Aljbour, Husam Al-Hamaiedeh,Tayel El-Hasan, Bassam O. Hayek, Khalid Abu-Samhadaneh, Salam Al-Momany, Ayman Aburawaa, "Anaerobic Co-Digestion of Domestic Sewage Sludge with Food Waste: Incorporating Food Waste as a Co-Substrate Under Semi-Continuous Operation", Journal of Ecological Engineering, 2021, 22 (7), 1-10.
- Salah H. Aljbour, Tayel El-Hasan, Hussam Al-Hamiedeh, Bassam Hayek, Kalid Abu-Samhadaneh, "Anaerobic co-digestion of domestic sewage sludge and food waste for biogas production: A decentralized integrated management of sludge in Jordan", Journal of Chemical Technology & Metallurgy, 2021, 56 (5), 1030-1038.

- Ahmad R. Al-Nawaiseh, Salah H. Aljbour, Husam Al-Hamaiedeh,Tayel El-Hasan, Safwat Hemidat, Abdallah Nassour, "Composting of Organic Waste: Sustainable Alternative Solution for Solid Waste Management in Al-Karak Governorate/Jordan", Jordan Journal for Civil Engineering, 2021, 15 (3), 363-377.
- Salah H ALJBOUR, "Intensification of Shale Oil Extraction from Oil Shale - An Alternative Solution for Sustainable Energy in Jordan ", Journal of Engineering Science and Technology. 2020, 14 (4), 1764-1775.
- MA Aliedeh, Salah H Aljbour, AM Al-Harahsheh, K Al-Zboon, S Al-Harahsheh, "Implementing 2(4-1) Fractional factorial Design for Filling the Gabs in OVAT Sorption Studies of Nitrates Ions onto Jordanian Zeolitic Tuff", Journal of Chemical Technology & Metallurgy, 2020, 56 (2), 331-341.
- Adnan Al-harahsheh, Majed M. Ibrahim, Nureddine Elboughdri, Mohammad Al-Harahsheh, Salah H. Aljbour "Groundwater vulnerability mapping of Jordanian phosphate mining area based on phosphate concentration and GIS: Al-Abiad mine as a case study", International Journal of Hydrology Science and Technology, 2019, 9 (6) 627-639.
- Salah H. Aljbour, "Catalytic pyrolysis of olive cake and domestic waste for biofuel production", Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2018, DOI: 10.1080/15567036.2018.1511649

MOST RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES
Attending Online Didactical Course on Professional Diploma Curriculum Development – IHE Delft, The Netherlands (Feb/March 2023).
Participation in the Workshop: "Curriculum Development for the Professional Diploma in Management of Environmental Technologies for Wastewater Treatment and Reuse – Organized by IHE Delft, (8-11 May, 2023, Amman, Jordan).