

Curriculum Vitae

1. Name : Dr. MOHAMMAD SALEH AL-SUWAIYAN
2. Rank : Associate Professor, Civil Engineering Department
3. Degrees with fields, institution, and date

B.Sc. in Civil Engineering, King Fahd University of Petroleum and Minerals, Dhahran, S.A., July 1983

M.Sc. in Civil Engineering, King Fahd University of Petroleum and Minerals, Dhahran, S.A., January 1987

Ph.D. in Civil Engineering, Colorado State University, Fort Collins Colorado, USA., October 1993

4. Number of years of service at KFUPM: 29 years
Original appointment: Graduate Assistant
Rank : Associate Professor
5. Other related experiences :
Participation in many short courses as a coordinator or member
6. Consulting, patents etc.
Worked as a consultant for the water authority in Gassim
7. Principal publications in last five years

Al-Suwaiyan, M.S., Bashir, K., Aiban, S.A. and Ishaq, A.M. "Analytical Model to Quantify Crude Oil Spills in Sandy Layered Aquifer," Journal of Environmental Engineering, ASCE, April 2002, pp320-326.

A. Maqsood, O. Al-Attas, S. Mohiuddin and M. Al-Suwaiyan, "Regulating Underground Storage Tanks(USTs), Benefits and Challenges", Proceedings, 6th Saudi Engineering Conference, Dhahran, Saudi Arabia, October 21-23, 2002. V. 3, pp 455-470.

B. Tawabini, M. Al-Suwaiyan, R. Allayla, M. AlMalack, A. Abulikbash and A. Al-Arfaj, "Removal of Phthalates from Contaminated Water Using Ultraviolet Oxidation Process", Proceedings, 6th Saudi Engineering Conference, Dhahran, Saudi Arabia, October 21-23, 2002. V. 2, pp 497-506.

A. M. Ishaq, M. Al-Suwaiyan "Enhancing Water Supply in Saudi Arabia Through Wastewater Recharge", Proceedings, Sixth Gulf Water Conference, Riyadh, Saudi Arabia, March 8-12, 2003.

A.M. Ishaq and M.S. Al-Suwaiyan, "Reuse of Wastewater Effluents in Saudi Arabia", Joint 2002 CSCE/EWRI of ASCE Environmental Engineering Conference: "An International Perspective on Environmental Engineering, Niagara Falls, Ontario, Canada.

B. Tawabini and M.S. Al-Suwaiyan, "Removal of Dimethyl Phalate from Water by UV/H₂O₂ Process", Journal of Environmental Engineering and Science 3(4) July 2004, pp 289-294.

Saleem, Al-Suwaiyan et al. "Estimation of Spilled Hydrocarbon Volume-The State-of-the-Art", Environmental Technology, July 2004.

Vohra and Al-Suwaiyan, "Planning, Design, Operation, Closure and Post-Closure Requirements for the Sanitary Landfills", Third Saudi Technical Conference, December 2004.

M.S. Al-Suwaiyan, "Significance of Residual Hydrocarbon in Sandy Soils with and Without Hysteresis Effects", JKAUENGS 18 (1), 2007.

A.M. Ishaq, M.S. Al-Suwaiyan and A.A. Khan, "Quality Changes During Artificial Recharge of Wastewater Effluents," Journal of Environmental Science and Engineering 4(2), 2010, pp 14-21.

M.S. Vohra, S. Selimuzzaman and M.S. Al-Suwaiyan, "NH₄⁺-NH₃ Removal from Simulated Wastewater Using UV-TiO₂ Photocatalysis: Effect of Co-Pollutants and pH," Environmental Technology 31(6), 2010, pp 641-654.

A. M. Ishaq, M.S. Al-Suwaiyan, "Remedation of Urban Groundwater in Saudi Arabia : a Case Study," ICASTOR Journal of Engineering 3(1), 2010, pp 81-92.

M.S. Vohra, S. Selimuzzaman and M.S. Al-Suwaiyan, "Aqueous phase thiosulfate removal using photocatalysis," International Journal Environmental Research, 5(1), pp 247-254, Winter 2011.

M.S. Al-Suwaiyan, "Evaluating and managing potential groundwater pollution from leaking USTs at a coastal city in Saudi Arabia," Accepted, the international journal for sustainable development and planning.

8. Scientific and professional societies of which a member
Member, Saudi Society of Civil Engineers, NGWA.
9. Institutional and professional service in the last five years
Participated in many committees on various levels , department, college, university and national.
10. Percentage of time available for research and scholarly activity: 30%
11. Percentage of time committed to the program: 70%