



Dr. AHMED ABDULRHAMAN AL-OTHMAN

Education

- Ph.D. University of Wales Cardiff, UK (2002) Environmental Water Management: *"Environmental Study of Wadi Hanifah in Riyadh with Special Reference to Wastewater Disposal and the Quality of the Stream Water, Ground Water and Sediments."*
- MSc program Cranfield University Silsoe College, UK (1997) Irrigation Water Management: *"Runoff Characteristics of Furrow Cultivation Under Sprinkler Irrigation."*

Related Experience

Senior Administration University Posts

- Vice-Dean of the Deanship of Scientific Research at King Saud University, Riyadh, Saudi Arabia. August 2010- August 2014 (18/09/1431-18/09/1435 H)
- Director of the Research Center at the College of Food and Agricultural Sciences, King Saud University, Riyadh, Saudi Arabia. Nov 2008–August 2010 (24/11/1429- 17/09/1431 H).
- The Vice-chair of the Scientific Research Ethics Committee, Deanship of Scientific Research, KSU, Riyadh, Saudi Arabia. 1433-1435H.
- Chair of the Supervisory Committee for the Research Groups Program (Third Session 1433-1434), Deanship of Scientific Research, KSU, Riyadh, Saudi Arabia.

Consultations

- Full-time Consultant at the National Commission for Academic Accreditation and Assessment (NCAAA), 18 January 2016- present.
- Part-time Consultant at the Ministry of Water and Electricity, Saudi Arabia. April 2009-April 2010 (1/05/1431- 1/05/1432 H).
- Part-time Consultant at the High Commission of Development of Arriyadh, Saudi Arabia (ADA). May 2004 – March 2009 (12/03/1425- 12/3/1430 H).
- Member of the Technical Consultative Committee for the Ministry of Commerce and Industry in Saudi Arabia for “the Custodian of the Two Holy Mosques King Abdullah bin Abdulaziz Al Saud Initiative on Saudi Agricultural Investments Abroad”, King Abdullah Institute for Research and Consulting Studies, King Saud University, Riyadh, Saudi Arabia.

- Head of Research Committee investigating the environmental, social and health implications of “The Operation and Maintenance of Dams in Saudi Arabia” project carried out for the Ministry of Water and Electricity by King Abdullah Institute for Research and Consulting Studies, King Saud university, Riyadh, Saudi Arabia.

Councils and Committees

- Member of municipal Council of Al Dri'yah municipality Governorate in its third session.
- Member of Executive Committee of King Saud's Strategic Plan 2009-2010 (1430-1431H).
- Member of the Experts Committee of the 1st Award 2002-2004 of Prince Sultan Bin Abdulaziz International Prize for Water.
- Member of the Consultative Committee of Afaq Magazine, published by the Saudi Scientific Club, Jeddah, Saudi Arabia.
- Member of the Saudi Society for Agricultural Sciences, College of Food and Agricultural Sciences, King Saud University, Riyadh, Saudi Arabia.
- Member of the Asian Society for Agricultural Engineering (AAAE), Bangkok, Thailand.
- Member of the Environmental Technology and Management Association (ETMA), Dhahran, Saudi Arabia.

Publications

- Ahmed, A. Al-Othman (2015). Monthly Variation of Physico-Chemical Properties from a Man-Made River in Saudi Arabia. Trends in Applied Sciences Research, 10 (3): 125-142.
- Ahmed, A. Al-Othman (2015). Seasonal Variations in Surface Water Quality Index of the Mainstream Running through Riyadh, Saudi Arabia. Research Journal of Environmental Toxicology, 9 (2): 71-89.
- Ahmed, A. Al-Othman (2015). Evaluation of the suitability of surface water from Riyadh Mainstream Saudi Arabia for a variety of uses. Arabian Journal of Chemistry.
- Almoutaz Elhassan, Hongjie Xie, Ahmed, A. Al-Othman, James McClelland and Hatim O. sharif (2015). Water Quality Modeling in the San Antonio River Basin Driven by Radar Rainfall Data, Geomatics, Natural Hazards and Risk.
- Anwar Ahmed and Ahmed, A. Al-Othman (2014). Remediation rates and translocation of heavy metals from contaminated soil heavy metals from contaminated soil through Parthenium hysterophorus, chemistry and Ecology.
- Ahmed, A. Al-Othman & M.M. Selim (2011). Integrated management of treated wastewater reuse in irrigation and its role in environment conservation, water and Society, vol 153, pp 447.
- Ahmed, A. Al-Othman (2011). Correlation between Some Groundwater Chemical Parameters and Soil Texture Index of Different Soils Irrigated with Treated Domestic Wastewater, Research Journal of Environmental Sciences, 5(7), pp666-673.
- Al-Othman, A.A. & Awad, F.S.M. (2009). Irrigation Using Treated Wastewater and its Impact on the Quality of Ground Water. A workshop on “Wastewater and

Agriculture". The Saudi Society for Agricultural Sciences, College of Food and Agricultural Sciences, King Saud University, Riyadh, Saudi Arabia.

- Al-Othman, A. S. (2009). The Impact of Prolonged Irrigation with Treated Domestic Wastewater on Drainage Water Using a Simulation Model. The Journal of King Saud University., V.21, Agricultural Science (2), pp. 29-40.
- Al-Othman, A. S. (2009). Effect of Treated Domestic Wastewater on Texture and Chemical Characteristics of Soils. Journal of Applied Sciences, 9 (5), pp. 901-908.
- Al-Othman, A. S. (2008). Evaluation of Drainage Water Quality to be Reused for Irrigation Purposes in Riyadh Area, Saudi Arabia. Misr Journal of Agricultural Engineering, V 25 (4), pp. 1323-1342.
- Al-Othman, A.A., Awad, F.M., Al-Amoud, A. I., Al-Saud, M. I. and Al-Shalan, S. I. (2007). Performance Evaluation of Subsurface Drip Irrigation by Sand Tank Model. . Journal of the Saudi Society for Agricultural Sciences, V 6 (2), pp. 150-163.
- Al-Amoud, A. I. and Al-Othman, A. A. (2005). Evaluation of Hydraulic Performance Curves of Subsurface Trickle Irrigation Lines. Journal of the Saudi Society for Agricultural Sciences, V 4 (1), pp. 1-18.
- Al-Amoud, A. I. and Al-Othman, A. A. (2004). The Importance of Renewable Water Sources in Agricultural Development in the Kingdom of Saudi Arabia. A paper presented at a Symposium on: "Role of Agricultural Sector in Efficient use and Utilization of Water Resources". Tabok Company for Agricultural Development in Collaboration with the Saudi Agricultural Group, Kingdom of Saudi Arabia. September 28-29, 2004.
- Al-Othman, A.A. (2004). Use of Modern Irrigation Techniques in Production of Flowers. The 10th Annual Discussion Meeting, the Department of Plant Production in Collaboration with the Arab Institute for Development of Cities. Riyadh, December, 14, 2004.

Workshops & Conferences

- Attended training workshops from 2004-2013 held at/by : King Saud University; Queen Margaret University, University of Wales Institute, Cardiff, UK; National Inspection & Technical Testing Co. Ltd, Dammam, Saudi Arabia; and University of Texas, San Antonio.
- Attended/participated in conference from 1999-2015 on "Water/Wastewater Management", "Water Resources", and "Environmental Science and Technology"- to mention a few:- Orlando, Florida; San Diego, USA; Seattle University, Seattle, USA; Newport Beach, USA; Las Vegas, USA; Houston, USA; University of Waterloo, Canada; Ministry of Economy and Planning, Saudi Arabia; Cooperation Council of Gulf Countries and the Ministry of Municipalities and Rural Affairs, Saudi Arabia; and Lemons, Greece.