

CURRICULUM VITAE

Name Khaldoun M. Shatanawi
Academic Rank Assistant Professor
Position Assistant Professor of Civil Engineering
Address Faculty of Engineering and Technology
The University of Jordan, Amman 11942- Jordan
E-mail : kshatanawi@ju.edu.jo

Education

- Ph.D.** 2008, Hydraulics and Hydrology, Materials and Construction, Civil Engineering, Clemson University, Clemson, SC, USA.
- M.Sc.** 2003, Hydrology, Civil Engineering, Clemson University, Clemson, SC, USA.
- B.Sc.** 2000, Civil Engineering, The University of Jordan, Amman, Jordan.

Professional activities in the last five years

1. Active member, International Hydrological programme committee (Jordan National IHP) (2009-present).
2. Active team member and coordinator in the project "Piloting and Strengthening Adaptation Capacity to Climate Change in the Zarqa River Basin". Funded by UNDP (2012-2013).
3. Active team member in the project Water Governance: "Public Engagement in Water Management" - Arab Region (Amman, Jordan). Funded by the Arab Water Council (2010-2012).
4. Active team member in the project WasserMed "Water Availability and Security in Southern Europe and the Mediterranean" (Amman-Jordan). Funded by EU
5. Water Availability and Food Security under Climate Changes in the Jordan River Basin (Amman, Jordan). Funded by Brookings Institute. (2010).
6. Quantitative and Qualitative Assessment of Climate Change Impacts on the Quality of Water Resources in Amman-Zarqa Basin (Amman, Jordan). Funded by UNESCO. (2011).

Selected Published Research in the Last Five Years

1. **Shatanawi, K.**, Biro, S., Thodesen, C., & Amir Khanian, S. (2012). Effects of Furfural Activated Crumb Rubber on the Properties of Rubberized Asphalt. Journal of Construction and Building Materials, Vol. 28, No. 1, pp 96-103.
2. Halalsheha, M., Muhsena, H., **Shatanawi, K.**, Field, J. (2010). Improving Solids Retention in Up Flow Anaerobic Sludge Blanket Reactors at Low Temperatures Using Lamella Settlers. Journal of Environmental Science and Health, Part A, Volume 45, Issue 9, pp 1054-1059.
3. **Shatanawi, K.**, Biro, S., Thodesen, C., & Amir Khanian, S. (2009). Effects of Water Activation of Crumb Rubber on Crumb Rubber Modified Asphalt Binders. International Journal of Pavement Engineering, Vol. 10, No. 4, pp 289-297.
4. Al Smadi, B., Al-Zboon K., & **Shatanawi, K.**, (2009). Assessment of Air Pollutants Emissions from a Cement Plant: A Case Study in Jordan. Jordan Journal of Civil Engineering, Vol. 3, No. 3, pp 256 - 282.
5. Thodesen, C., **Shatanawi, K.**, Amir Khanian, S., & Bridges, W. (2009). Development of an Empirical Model for Determining G^*/\sin^2 in Crumb Rubber Modified Binders. Journal of Construction and Building Materials, Vol. 23, No. 5, pp 1922-1927.