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CURRICULUM VITA

EDUCATION

- Ph.D. Civil Engineering, University of Arizona, Tucson, Arizona 2001
- M.S. Civil Engineering, University of Arizona, Tucson, Arizona 1997
- B.S. Civil Engineering, University of Arizona, Tucson, Arizona 1995

EXPERIENCE

- Prairie View A&M University
Associate Professor, 2015 – Present
Assistant Professor, 2009 - 2015
Courses: Hydraulics, Water Resources Engineering, Sr. Design & Professionalism I & II, Laboratory for Math II (Calculus I), Statics, Dynamics, Professional Engineering, Seepage and Earth Dams (Grad), Stochastic Modeling (Grad), Environmental Modeling (Grad)

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

- Stantec Consultants, Inc., Project Engineer (Water Group), Phoenix, Arizona, Jan 2007 – Nov 2008
- WEST Consultants, Inc., Water Resources Engineer, Tempe, Arizona, Jul 2002 – Jul 2006

PROFESSIONAL ACHIEVEMENTS AND PUBLICATIONS

- Gerlach, R.M., Ahmed, I., Beckman, N.D., and Karim, A. (2016). "The Utility of HEC-1 Flood Hydrograph Package in Distributed Flow Guided Area Drainage Master Plan Discharges Verification in a Desert Environment." *J. of Hydrol. Sci. & Tech.* (In Press)
- Karim, A., Ahmed, I., Boutton, T.W., Strom, K.B., and Fox, J.F. (2015). "Quantification of Uncertainty in Sediment Provenance Model." *Proc., ASCE/EWRI World Environmental & Water Resources Congress: Floods, Droughts and Ecosystems*, May 17-21, Austin, TX.
- Ahmed, I., and Gerlach, R.M. (2012). "Distributed Flow Guided Hydraulic Modeling of a Desert River System for Flood Control." *Proc., River Flow 2012*, September, San Jose, Costa Rica. Peer Reviewed, CRC Press, Taylor & Francis, UK.
- Ahmed, I., and Freeman, G.E. (2012). "Historic Changes in the Salt River Bed Stability and its Implications on a Flood Control Levee Design." *Proc., River Flow 2012*, September, San Jose, Costa Rica. Peer Reviewed, CRC Press, Taylor & Francis, UK.
- Lansey, K.E., El-Shorbagy, Ahmed, I., Araujo, J, and Haan, C.T. (2001). "Calibration Assessment and Data Collection for Water Distribution Networks." *J. of Hydraulic Engineering*, ASCE, Vol. 127(4), pp. 270-279.