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Education/Employment

2017.06~Now, Institute of Surface-Earth System Science, Tianjin University, Professor,.

2016.08~2017.05, Institute of Surface-Earth System Science, Tianjin University, Associate Professor,.

2004.01~2008.01, University of Nebraska-Lincoln, USA, Ph.D.,.

2001.01~2004.01, Ocean University of China, China, M.S.,.

1997.01~2001.01, Ocean University of Qingdao, China, B.S.,.

Selected Publications

- (1) Yue, W., T.J. Wang*, T.E. Franz, X. Chen, 2016, Spatiotemporal patterns of water table fluctuations and evapotranspiration induced by riparian vegetation in a semi-arid area., *Water Resources Research*, 52, 1948–1960, doi:10.1002/2015WR017546.,.
- (2) Wang*, T.J., T.E. Franz, W. Yue, J. Szilagyi, V.A. Zlotnik, J. You, X. Chen, M.D. Shulski, A. Young, 2016, Feasibility analysis of using inverse modeling for estimating natural groundwater recharge from a large-scale soil moisture monitoring network., *Journal of Hydrology*, 533, 250–265, doi:10.1016/j.jhydrol.2015.12.019.,.
- (3) Wang*, T.J., T.E. Franz, V.A. Zlotnik, Y.J. Sheng, and M.D. Shulski, 2015, Investigating soil controls on soil moisture spatial variability: numerical simulations and field observations., *Journal of Hydrology*, 524, 576–586, doi:10.1016/j.jhydrol.2015.03.019.,.
- (4) 6. Wang*, T.J., D.A. Wedin, T.E. Franz, and J. Hiller, 2015, Effect of vegetation on the temporal stability of soil moisture in grass-stabilized semi-arid sand dunes., *Journal of Hydrology*, 521, 447–459, doi:10.1016/j.jhydrol.2014.12.037.,.
- (5) Wang*, T.J., T.E. Franz, and V.A. Zlotnik, 2015, Controls of soil hydraulic characteristics on modeling groundwater recharge under different climatic conditions., *Journal of Hydrology*, 521, 470–481, doi:10.1016/j.jhydrol.2014.12.040.,.
- (6) Franz, T.E., T.J. Wang, W. Avery, C. Finkenbiner, L. Brocca, 2015, Combined analysis of soil moisture measurements from roving and fixed cosmic-ray neutron probes for multi-scale real-time monitoring., *Geophysical Research Letter*, 42, 3389–3396, doi:10.1002/2015GL063963.,.
- (7) Wang*, T.J., 2014, Modeling the impacts of soil hydraulic properties on temporal stability of soil moisture under a semi-arid climate., *Journal of Hydrology*, 519, 1214–1224, doi: 10.1016/j.jhydrol.2014.08.052.,.
- (8) Istanbuluoglu, E., T.J. Wang, O. Wright, and J. Lenters, 2012, Interpretation of hydrologic trends from a water balance perspective: The role of groundwater storage in the Budyko hypothesis. W, *Water Resources Research*, 48, W00H16, doi:10.1029/2010WR010100.,.
- (9) Wang*, T.J., and V.A. Zlotnik, 2012, A complementary relationship between actual and potential evapotranspiration and soil effects., *Journal of Hydrology*, 456, 146–150, doi: 10.1016/j.jhydrol.2012.03.034.,.
- (10) Wang*, T.J., V.A. Zlotnik, J. ?imunek, and M.G. Schaap, 2009, Using pedotransfer functions in vadose zone models for estimating groundwater recharge in semiarid regions., *Water Resources Research*, 45, W04412, doi:10.1029/2008WR006903.,.
- (11) Wang*, T.J., E. Istanbuluoglu, J. Lenters, and D. Scott, 2009, On the role of groundwater and soil texture in the regional water balance: An investigation of the Nebraska Sand Hills, USA., *Water Resources Research*, 45, W10413, doi:10.1029/2009WR007733.,.
- (12) Wang*, T.J., D. Wedin, and V.A. Zlotnik, 2009, Field evidence of a negative correlation between saturated hydraulic conductivity and soil carbon in a sandy soil., *Water Resources Research*, 45, W07503, doi:10.1029/2008WR006865.,.
- (13) Wang*, T.J., V.A. Zlotnik, D. Wedin, and K.D. Wally, 2008, Spatial trends in saturated hydraulic conductivity of vegetated dunes in the Nebraska Sand Hills: effects of depth and topography., *Journal of Hydrology*, 349, 88–97, doi: 10.1016/j.jhydrol.2007.10.027.,.