

Biographical Sketch

Kevin L. Wagner

Director, Oklahoma Water Resources Center
Thomas E. Berry Professorship in Integrated
Water Research and Management
Associate Professor Department of Plant & Soil Sciences
245 Ag Hall, Oklahoma State University
Stillwater, OK 74078
Phone: 405-744-5616; Email: kevin.wagner@okstate.edu

A. PROFESSIONAL PREPARATION

Howard Payne University	Brownwood, TX	Biology	B.S., 1992
Oklahoma State University	Stillwater, OK	Environ. Sci.	M.S., 1995
Texas A&M University	College Station, TX	Agronomy	Ph.D., 2011

B. APPOINTMENTS

2017-present	Director, Oklahoma Water Resources Center, Oklahoma State University
2017-present	Thomas E. Berry Professorship, Oklahoma State University
2017-present	Associate Professor, Oklahoma State University Plant & Soil Sciences Department
2013– present	Adjunct Professor, Texas A&M University Soil and Crop Sciences Department
2016–2017	Deputy Director of Engagement, Texas Water Resources Institute, Texas A&M Univ.
2009–2017	Associate Director, Texas Water Resources Institute, Texas A&M Univ.
2005–2009	Project Manager, Texas Water Resources Institute, Texas A&M Univ.
2003–2005	NPS Team Leader, TX State Soil & Water Conservation Board (TSSWCB)
2000–2003	Assistant Director of Programs, TSSWCB
1999–2000	Program Specialist, TMDL Team, TSSWCB
1998–1999	Watershed Coordinator, TMDL Team, TX Natural Resources Conservation Commission
1997–1998	Water Quality Liaison, Oklahoma Conservation Commission / USDA-NRCS
1994–1997	Water Quality Analyst, Oklahoma Conservation Commission

C. PUBLICATIONS

(i) Most Closely Related to the Proposed Project

1. Jeong, J., **K. Wagner**, J. Flores, T. Cawthon, Y. Her, H. Yen, J. Osorio. 2019. Linking Watershed Modeling and Bacterial Source Tracking to Better Assess *E. coli* Sources. *Science of the Total Environment*. 648:164-175.
2. Gholson, D.M., D.E. Boellstorff, S. Cummings, **K. Wagner** and M. Dozier. 2018. Consumer Water Quality Evaluation of Private and Public Drinking Water Sources. *Journal of Water and Health*. 16(3):369-379.
3. Loy, S., J. Tahtouh, C. Munster, **K. Wagner**, A. Fares, S. Ale, R. Vierling, F. Jaber, and A. Jantania. 2017. State of the Art of Water for Food within the Nexus Framework. *Current Sustainable/Renewable Energy Reports*. 4(3):130-136.
4. **Wagner, K.**, L. Gregory, A. Berthold. 2016. Chapter 1 – Water Quality Management. *In*: D. Chen (ed.), Sustainable Water Management (Volume I), Taylor & Francis/CRC Press, Boca Raton, FL.
5. Mukhtar, S., **K. Wagner**, L. Gregory. 2007. Technologies for Reducing Nutrients in Dairy Effluent. Texas AgriLife Extension Service Publication B-6196. College Station, TX: Texas A&M University.

(ii) *Other Significant Products*

1. Gholson, D.M., D.E. Boellstorff, S.R. Cummings, **K.L. Wagner**, and M.C. Dozier. 2018. Outreach Preferences for Water Resource Information from Extension and other Sources. *Natural Sciences Education*. 47(1):1-7.
2. Gregory, L.F., R. Karthikeyan, J.A. Aitkenhead-Peterson, T.J. Gentry, **K. Wagner**, R.D. Harmel. 2017. Nutrient Loading Impacts on Culturable *E. coli* and other Heterotrophic Bacteria Fate in Simulated Stream Mesocosms. *Water Research*. 126:442-449.
3. Harmel, R., J. Hathway, **K. Wagner**, J. Wolfe, R. Karthikeyan, W. Francesconi, D. McCarthy. 2016. Uncertainty in Monitoring *E. coli* Concentrations in Streams and Stormwater Runoff. *Journal of Hydrology*. 534:524-533.
4. Higgs, K., R.D. Harmel, **K. Wagner**, P. Smith, R. Haney, D. Smith, R. Pampell. 2015. Vegetated Treatment Area Effectiveness at Reducing Nutrient Runoff from Small Swine Operations in Central Texas. *Applied Engineering in Agriculture*. 31(4): 621-629.
5. Gregory, L., B. Blumenthal, K. Borel, **K. Wagner**, and R. Karthikeyan. 2013. Estimating On-site Sewage Facility Density and Distribution using Geo-spatial Analyses. *Journal of Natural & Environmental Sciences*. 4(1): 14-21.

D. SYNERGISTIC ACTIVITIES

- U.S. Environmental Protection Agency, Science Advisory Board, Agricultural Science Committee (2019-2022)
- South Central Climate Adaptation Science Center, Toward Sustainable & Usable Water Resources Working Group (2019-present)
- Oklahoma Clean Lakes and Watersheds Association. Board Member (2018-present)
- National Institutes for Water Resources. Board Member (2017-present)
- Universities Council on Water Resources. Delegate (2013-present). Board Member (2016-present). President-Elect (2018-2019). Associate Editor – Water Quality and Watershed Management for *Journal of Contemporary Water Research & Education* (2016-present). Technical Program Subcommittee Chair for 2016, 2017, and 2019 Universities Council on Water Resources/National Institutes for Water Resources Conferences.