Abit, S.M. and N. Huber. Septic System Basics for Home Builders. PSS-2407.

Abit, S. M. and L. Boyanton. Septic System Basics for Realtors. PSS-2408.

Anderson, F.L., J.A. Cooper, and J.A. Amador. 2016. Water-filled pore space and soil-based wastewater treatment of nitrogen: An alternative view. Journal of Environmental Quality. (In review)

Berkowitz, S., Boekeloo, T., Conta, J., Degen, M., Denver, J., Flatley, J., . Siegrist, R. 2016. Nutrient Attenuation in Chesapeake Bay Watershed Onsite Wastewater Treatment Systems -- Final Report.

Cooper, J.A. 2016. Onsite wastewater treatment systems in a changing climate: Technology robustness and mechanisms. Ph.D. Dissertation, University of Rhode Island, 152 pages.

Cooper, J.A., G.W. Loomis, and J. A. Amador. 2016**.** Hell and high water: Diminished septic system performance in coastal regions due to climate change. PLoS ONE 11: e0162104. doi:10.1371/journal.pone.0162104

Cooper, J.A., I. Morales, and J.A. Amador. 2016. Nitrogen transformations in different types of soil treatment areas receiving domestic wastewater. Ecological Engineering 94: 22-29.

Dong, Y., Safferman, S. I., Ostahowski J., Herold, T., Panter, R. 2016. Enzyme Pretreatment of Fats, Oil, and Grease from Restaurant Waste to Prolong Drain Filed Effectiveness. Journal of Environmental Science and Health, Part A, Published online, print pending.

Dong, Y., Safferman, S. I., Tekesin, O., Sengupta, S., Schorr, J. R., Revur, R. Removal of Nutrients from Agricultural Drainage Water using Nano-Engineered Porous Ceramic Media. 2016 Annual International ASABE Meeting, Orlando, Florida, June 2016.

# Heger, S. F., D. Wheeler, D. Gustafson and M. Szmorlo. 2016. Septic System Evaluation at MnDOT Rest Stops, Truck Stations and Weigh Scales. Center for Transportation Studies. Report no. CTS 15-11B. Minneapolis, MN.

#

# Heger, Sara. F. 2015. Evaluation of Four Milk House Wastewater Treatment Systems in Minnesota. University of Minnesota, ProQuest Dissertations Publishing, 3728228.

# Heger, Sara. 2015. Community Septic Systems Owner’s Guide. National Onsite Wastewater Recycling Association Annual Conference Proceedings, Virginia Beach, VA.

Hoghooghi, N., Radcliffe, D. E., Habteselassie, M. Y., and Clarke, J. S. 2016. Confirmation of the Impact of Onsite Wastewater Treatment Systems on Stream Base-Flow Nitrogen Concentrations in Urban Watersheds of Metropolitan Atlanta, GA. *Journal of Environment Quality.* 0(0), 0. doi:10.2134/jeq2016.04.0139

Lancellotti, B. V., R. J. Bercaw, G. W. Loomis, K. P. Hoyt, E. J. Avizinis, and J. A. Amador. 2016. Accuracy of Rapid Tests Used for Analysis of Advanced Onsite Wastewater Treatment System Effluent. Water, Air and Soil Pollution 227:310-322.

Morales, I., J.A. Amador, and T. Boving. 2015. Transport of *Escherichia coli* in a soil-based wastewater treatment system under simulated climate change conditions. *Journal of Environmental Quality* 44: 1459-1472.

Morales, I., J. Cooper, J. A. Amador, and T. Boving. 2016. Modeling nitrogen losses in conventional and advanced soil-based onsite wastewater treatment systems under current and changing climate conditions. PLoS ONE 11: e0158292. doi:10.1371/journal.pone.0158292

Perez, B. N. 2015. Removal of trace organic compounds in domestic wastewater using recirculating packed-bed media filters. Unpublished Master’s thesis, Biosystems Engineering, The University of Tennessee, Knoxville.

Perez, B. N., J. R. Buchanan, J. N. DeBruyn, K. Colbaugh, and W. E. Hart. 2016. Removal of trace organic compounds in domestic wastewater using recirculating packed-bed media filters. Submitted to Trans ASABE. (in review).

Radcliffe, D. R. and J. R. Buchanan. 2016. Using the HYDRUS model to determine optimum emitter spacing for community wastewater drip dispersal systems. Proceedings, Water Environment Federation, WEFTEC, Sept 26-28, New Orleans, LA.

Safferman, S. I., Dong, Y., Thelen, J., Costantini, C., Saber, L., Schorr, J. R., Sengupta, S., Revur, R. 2015. Phosphorus Removal from Domestic Wastewater Using Engineered Nano-Media. 2015 National Onsite Water Resources Association, Virginia Beach, VA, November 2015.

Sengupta, S., Schorr, J. R., Revur, R., Marth, T., Safferman, S. I. 2016. Phosphorus Removal Using Engineered Nano-Media. WEFTEC, New Orleans, Louisiana, September 2016.

Wheeler, D. and S. Heger. 2015. Risk Assessment of Rest Stops in Minnesota. National Onsite Wastewater Recycling Association Annual Conference Proceedings, Virginia Beach, VA.