

### Publications authored by the VUSP research faculty

- Ali, H., McCarthy, M., Welker, A. (2013). Performance of hot in-place recycled Superpave mixtures in Florida, *Construction and Building Materials*, Volume 49, pp. 618-626. [Link](#)
- Komlos, J., Welker, A., Punzi, V., and Traver, R. (2013). "Feasibility Study of As-Received and Modified (Dried/Baked) Water Treatment Plant Residuals for use in Stormwater Control Measures (SCMs)" *Journal of Environmental Engineering*, 10.1061/(ASCE)EE.1943-7870.0000737. [Link](#)
- Flynn, K., Traver, R. (2013). "Green Infrastructure Life Cycle Assessment: A Bio-Infiltration Case Study", *Journal of Ecological Engineering*, Volume 55, pp 9-22. [Link](#)
- Wadzuk, B., Schneider, D., Feller, M., Traver, R. (2013). "Evapotranspiration from a Green Roof Stormwater Control Measure." *Journal of Irrigation and Drainage*, 10.1061/(ASCE)IR.1943-4774.0000643. [Link](#)
- Jones, G.D. and Wadzuk, B. (2013). "Predicting performance for constructed storm water wetlands." *Journal of Hydraulic Engineering*, 10.1061/(ASCE)HY.1943-7900.0000767 (Apr. 13, 2013). [Link](#)
- Welker, A., Mandarano, L., Greising, K., and Mastrocola, K. (2013). "Application of a Monitoring Plan for Stormwater Control Measures in the Philadelphia Region," *Journal of Environmental Engineering*, 10.1061/(ASCE)EE.1943-7870.0000714. [Link](#)
- Welker, A., McCarthy, L., Gilbert Jenkins, J.K, and Nemirovsky, E. (2013) "Examination of the Material Found in the Pore Spaces of Two Permeable Pavements," *Journal of Irrigation and Drainage Engineering*, Vol. 139, No. 4, pp. 278-284. [Link](#)
- Nemirovsky, E., Welker, A., and Lee, R. (2013) "Quantifying Evaporation from Pervious Concrete Systems: Methodology and Hydrologic Perspective," *Journal of Irrigation and Drainage Engineering*, Vol. 139, No. 4, pp. 271-277. [Link](#)

Gaitan, L., Mehta, Y., Nolan, A., DuBois, E., Reger, D., Purdy, C., McCarthy, L., and Welker, A. "Evaluation of the Degree of Blending of Reclaimed Asphalt Pavement (RAP) For Warm Mix Asphalt," Journal of Solid Waste Management and Technology, Vol 39, No. 2, pp. 101-113. [Link](#)