JON M. HATHAWAY, PHD, PE
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PROFESSIONAL EXPERIENCE

Associate Professor – University of Tennessee at Knoxville, Department of Civil and Environmental Engineering (August 2019 – present)

Assistant Professor – University of Tennessee at Knoxville, Department of Civil and Environmental Engineering (August 2013 – July 2019)

- **Adjunct Assistant Professor –** North Carolina State University, Department of Biological and Agricultural Engineering (April 2017 – present)
- **Visiting Professor –** Politechnika Krakowska, Krakow, Poland (May-June 2018)

Water Resources Engineer – Biohabitats, Inc. (February 2011 – June 2013)

RELEVANT HONORS AND AWARDS

- David W. Goodpasture Endowed Faculty Award - Department of Civil and Environmental Engineering – University of Tennessee (2018, 2019, 2020)
- Chancellor's Award for Success in Multidisciplinary Research – University of Tennessee (2018)
- National Science Foundation CAREER Award (2016)

RELEVANT PUBLICATIONS

TOTAL Journal Articles (59), Google Scholar H-Index = 22

1. Epps, T.H., and ***J.M. Hathaway***. (Accepted). "Assessment of inter-event water quality variability and pollutant dynamics in the context of effective impervious area." *Journal of Sustainable Water in the Built Environment, TBD*
2. Christian, L.E., T.H. Epps, G. Diab, and ***J.M. Hathaway*** (2020). "Pollutant concentration patterns of in-stream urban stormwater runoff." *Water*. 12(9): 2534
3. Chandrasena, G.I., A. Deletic, ***J.M. Hathaway***, A. Lintern, R. Henry, D.T. McCarthy. (2019). "Enhancing Escherichia coli removal in stormwater biofilters with a submerged zone: balancing the impact of vegetation, filter media and extended dry weather periods." *Urban Water Journal*. 16(6): 460-468.
4. Jovanovic, D., ***J.M. Hathaway***, R. Coleman, A. Deletic, and D.T. McCarthy. (2017). "Conceptual modelling of *E. coli* in urban stormwater drains, creeks, and rivers." *Journal of Hydrology*. 555: 129-140.
5. Chandrasena, G.I., M. Shirdashtzadeh, Y. Li, A. Deletic, ***J.M. Hathaway***, D. McCarthy. (2017). "Retention and survival of *E. coli* in stormwater biofilters: Role of vegetation, rhizosphere microorganisms and antimicrobial filter media." *Ecological Engineering*. 102: 166-177.
6. Harmel, R.D., ***J.M. Hathaway***, K.L. Wagner, J.E. Wolfe, R. Karthikeyan, W. Francesconi, D.T. McCarthy. (2016). "Uncertainty in monitoring *E. coli* concentrations in streams and stormwater runoff." *Journal of Hydrology*. 534: 524-533.
7. ***Hathaway, J.M.***, W.F. Hunt, R.M. Guest, and D.T. McCarthy. (2014). "Residual indicator bacteria in autosampler tubing: a field and laboratory assessment." *Water Science and Technology*. 69(5): 1120 – 1126.
8. ***J.M. Hathaway***, L.H. Krometis, and W.F. Hunt. (2014). "Exploring seasonality in Escherichia coli / fecal coliform ratios in urban watersheds." *Journal of Irrigation and Drainage Engineering*. 140(4): 1-6

9. McCarthy, D.T., ***J.M. Hathaway***, W.F. Hunt, A. Deletic. (2012). "Intra-Event Variability of *E. coli* and Total Suspended Solids in Stormwater Runoff." *Water Research*. 46: 6661-6670.
10. ***Hathaway, J.M.,*** R.S. Tucker, J.M. Spooner, and W.F. Hunt. (2012). "A traditional analysis of the first flush effect for nutrients in stormwater runoff from two small urban catchments." *Water, Air, and Soil Pollution*. 223(9): 5903-5915.
11. ***Hathaway, J.M.,*** and W.F. Hunt. (2012). "Indicator bacteria performance of stormwater control measures in Wilmington, NC." *Journal of Irrigation and Drainage Engineering*. 138(2): 185-197.
12. ***Hathaway, J.M.,*** W.F. Hunt, A.K. Graves, and J.D. Wright. (2011). "Field evaluation of bioretention indicator bacteria sequestration in Wilmington, NC." *Journal of Environmental Engineerin*g. 137(12): 1103-1113.
13. ***Hathaway, J.M.,*** W.F. Hunt, A.K. Graves, K.L. Bass, and A. Caldwell. (2011). "Exploring fecal indicator bacteria in a constructed stormwater wetland." *Water Science and Technology*. 63(11): 2707-2712.
14. ***Hathaway, J.M.***, and W.F. Hunt. (2011). "Evaluation of first flush for indicator bacteria and total suspended solids in urban stormwater runoff." *Water, Air, and Soil Pollution*. 217: 135-147.
15. ***Hathaway, J.M.,*** W.F. Hunt, and O.D. Simmons III. (2010). "Statistical evaluation of factors affecting indicator bacteria in urban stormwater runoff." *Journal of Environmental Engineering*. 136(12): 1360-1368.
16. Bright, T.M., ***J.M. Hathaway,*** W.F. Hunt, F.L. de los Reyes III, and M.R. Burchell. (2010). "Impact of stormwater runoff on clogging and fecal bacteria reduction in sand columns." *Journal of Environmental Engineering*. 136(12): 1435-1441.
17. ***Hathaway, J.M.***, W.F. Hunt, and S. Jadlocki. (2009). "Indicator bacteria removal in stormwater best management practices in Charlotte, North Carolina.*" Journal of Environmental Engineering*. 135(12): 1275-1285.

PROFESSIONAL LICENSES, SOCIETIES, AND ACTIVITIES

- Professional Engineer: North Carolina (License number: 036771)
- Member
  - Association of Environmental Engineering and Science Professors
  - International Water Association
    - Elected member of Joint Committee on Urban Drainage (2019 – present)
  - American Society of Civil Engineers
    - Elected member Urban Water Resources Research Council Core Group (2018 – present)
    - ASCE webinar co-instructor, "Pathogens in Urban Stormwater Systems: Source Controls and Stormwater Control Measures" July 31, 2015.
- Journal Activities
  - Associate Editor – Journal of Environmental Engineering
- External Peer Reviewer
  - National Science Foundation
  - National Fish and Wildlife Foundation
  - U.S. Geological Survey
  - Natural Sciences and Engineering Research Council of Canada
  - Austrian Science Fund
  - Hudson River Fund
  - Engineering and Physical Sciences Research Council (EPSRC)