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**(a) Professional Preparation**

University of Kentucky, Lexington, KY	Natural Resource Conservation and Management	B.S.	2007
University of Kentucky, Lexington, KY	Forestry	M.S.	2009
University of Kentucky, Lexington, KY	Graduate Certificate in Stream and Watershed Science		2017
University of Kentucky, Lexington, KY	Graduate Certificate in Digital Mapping		2017
University of Kentucky, Lexington, KY	Digital Mapping	M.S.	2019

**(b) Appointments and Positions**

Agriculture Extension Associate Senior, University of Kentucky, 2019-present  
Part-time Instructor, University of Kentucky, 2020-2023  
Agriculture Extension Associate, University of Kentucky, 2016-2019  
Temporary Technical/Paraprofessional, University of Kentucky, 2015-2016  
Senior Environmental Scientist, Aquatic Resources Management, LLC, 2013-2015  
Environmental Scientist, Aquatic Resources Management, LLC, 2011-2013  
Hydrologic Technician, US Forest Service, 2009-2010  
Research Assistant, University of Kentucky, 2007-2009

**(c) Sample Products**

- [1] Moser, L. and A. Gumbert. 2022. Homeowner’s Guide to Rainwater Harvesting: Rain Barrels and Beyond (HENV-711). University of Kentucky Cooperative Extension Service.
- [2] Gumbert, A. and L. Moser. 2022. Residential Stormwater Site Assessment (HENV-707). University of Kentucky Cooperative Extension Service.
- [3] Agouridis, C., J. Villines, J. Luck, A. Gumbert, and L. Moser. 2022. Alternative Pavement Options for Residential Stormwater Management (HENV-708). University of Kentucky Cooperative Extension Service.
- [4] Moser, L. and A. Gumbert. 2022. Sanitary Sewer Overflows: Risks and Homeowner Responsibilities (HENV-709). University of Kentucky Cooperative Extension Service.
- [5] Moser, L. and A. Gumbert. 2022. Desbordamientos de Alcantarillado Sanitario: Riesgos y Responsabilidades de los Propietarios (HENV-709S). University of Kentucky Cooperative Extension Service.
- [6] Moser, L. and A. Gumbert. 2022. Sanitary Sewer Overflows: Lexington, Kentucky Remedial Measures and Helpful Tips (HENV-710). University of Kentucky Cooperative Extension Service.
- [7] Moser, L. and A. Gumbert. 2022. Desbordamientos de Alcantarillado Sanitario: Lexington, Kentucky Medidas Correctivas y Consejos Utiles (HENV-710S). University of Kentucky Cooperative Extension Service.

- [8] Anderson, L., M. Arnold, D. Bullock, K. Burdine, R. Burris, B. Crites, J. Henning, S. Higgins, S. Isaacs, J. Lehmkuhler, K. Laurent, L. Moser, G. Rentfrow, K. Schmidt, R. Smith, C. Teutsch, L. Townsend, P. Vijayakumar, and K. VanValin. 2021. *The Kentucky Beef Book (ID-108)*. University of Kentucky Cooperative Extension Service.
- [9] Higgins, S. and L. Moser. 2019. *Maps for Farm Planning (AEN-141)*. University of Kentucky Cooperative Extension Service.
- [10] Higgins, S. and L. Moser. 2017. *Rainwater Harvesting for Livestock Production Systems (AEN-135)*. University of Kentucky Cooperative Extension Service.
- [11] Higgins, S., S. Mehlhope, L. Moser, and S. Wightman. 2017. *Appropriate All-Weather Surfaces for Livestock (AEN-115)*. University of Kentucky Cooperative Extension Service.
- [12] Higgins, S., L. Moser, and K. Laurent. 2016. *Providing Water for Beef Cattle in Rotational Grazing Systems (ID-236)*. University of Kentucky Cooperative Extension Service.
- [13] Higgins, S., L. Moser, and K. Schmidt. 2016. *Drought Risk Management for Beef Cattle Farms*. University of Kentucky Cooperative Extension Service.
- [14] Moser, L., C. Barton, J. Blake. 2009. Control of Hardwood Regeneration in Restored Carolina Bay Depression Wetlands. *Ecological Restoration*. 30(2)

#### **(d) Synergistic Activities**

[1] *Collaborative Water Resource Research, Stakeholder Engagement, and Outreach*: I have collaborated with partners spanning academia, the general public, government agencies, agriculture, and industry to conduct water resource-related research and outreach through multiple projects during my time at the University of Kentucky. Many of these efforts involved direct engagement through demonstration projects, planning and development processes, and stakeholder interviews. I have developed and delivered multimodal outreach products associated with various water-related projects ranging from written publications to multimedia products.

[2] *Teaching*: I have taught seven sections of GEN/AFE 100: Issues in Agriculture, Food and Environment since Fall of 2020. Multiple modules within this course cover issues that are related to water. Part of my contributions to course development included developing module materials related to urbanization and stream health as well as environmental and climate justice. Major responsibilities with this course included training students in research skills and technical/scientific writing as well as coaching students on the development and delivery of effective oral and multimedia presentations. I routinely took my classes and other instructors' classes on walking field trips around campus to discuss water-related issues and highlighted the water quality and stormwater management efforts going on around campus. I also periodically guest lecture in classes on topics including stream and watershed science, stormwater management, and environmental and climate justice.

[3] *Presentations and Workshops*: I have regularly developed and delivered presentations and workshops on a range of water-related topics throughout my time at the University of Kentucky. Presentations and workshops have been conducted for a wide range of audiences including youth, agricultural producers, the general public, forest landowners, government officials, and agency personnel.

[4] *Environmental Education:* Throughout my career, I have regularly engaged in environmental education opportunities with youth and adult audiences. I have actively participated as a facilitator for the Kentucky Association of Environmental Educators (KAEE) since early 2023. Having received training in multiple water-related curricula, I offer outreach events and trainings utilizing various activities related to water and climate resilience to educate youth and adult audiences on related issues as well as train other environmental educators on the use of water-related curricula.

[5] *Industry Experience:* I have significant experience working with regulated industry in the state of Kentucky. Specifically, my industry experience relates to environmental consulting with the coal industry in the Eastern and Western Kentucky coalfields. Much of my experience focused directly on monitoring, analyzing, and reporting both water quality and biological data associated with Kentucky Pollution Discharge and Elimination System (KPDES) Permits. Wetland delineation, stream assessments, auditing environmental data, and personnel management were also major responsibilities during my time as a consultant. My role as an environmental consultant helped me to develop a strong work ethic, effective oral and written communication skills, and the ability to collaborate with individuals with diverse interests and abilities to achieve goals and deliverables.