



2022 KAMM Regional Training

KAMM REGION IV AGENDA

March 9, 2022

Natural Bridge State Park,

2135 Natural Bridge Rd, Slade, KY 40376

9:00 - 9:30	Registration - Coffee and Donuts	
9:30 -- 9:45	Welcome & Introductions	Mahtaab Bagherzadeh, KAMM
9:45 - 11:00	Intro to Nature-based Solutions & Panel Discussion with Practitioners	<ul style="list-style-type: none">• Becca Trueman (Oldham County Fiscal Court)• Case Davis (Beaver Creek Hydrology LLC)• Amanda Gumbert (University of Kentucky Cooperative Extension)• Laurel Matula (ER Assist)
11:00 - 12:00	Nature-based Solutions Mapping Activity	Mahtaab Bagherzadeh, Kentucky Division of Water
12:00 - 1:00	Lunch provided by KAMM	
1:00 - 2:00	Insurance Risk Rating 2.0	Alex VanPelt, Division of Water
2:00 - 3:00	FEMA Hazard Mitigation Assistance (HMA) Grant Applications	Esther White, UK- HMGP
3:00 – 3:30	Final Remarks & Adjourn	Mahtaab Bagherzadeh, KAMM



Speaker Bios

Becca Trueman is the Watershed Coordinator for Oldham County, responsible for building partnerships within the community for the purpose of addressing water quality impairments in the Currys Fork Watershed. Additionally, Becca serves as the Vice-Chair on the board of the Jefferson County Soil and Water Conservation District and as the Chair of the Salt River Watershed Watch Steering Committee. Becca holds a B.S. in Natural Resources from the University of Connecticut and an M.S. in Biology and Environmental Science from the University of Rhode Island.

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Case Davis is the President of Beaver Creek Hydrology, LLC, an ecological restoration firm. Case works to implement large scale mitigation projects restoring streams, wetlands, and riparian buffers. These projects help reduce flooding, reduce nutrient and sediment inputs to waterways and increase forest cover in the landscape. Beaver Creek Hydrology also does hydraulic modeling to predict and plan for flooding impacts to watersheds, watershed planning to reduce flooding, and other solutions to revitalize our watersheds. Our goal is to provide nature based solutions to impacts to our waterways and reduce flooding. Case has a BS in Civil Engineering from the University of Kentucky and an MS in Civil Engineering from North Carolina State University. He is a licensed Professional Engineer with a long career in water resource management, stream and wetland restoration, mine reclamation, and geotechnical engineering. Beaver Creek Hydrology has restored over 200 miles of streams around the United States with public and private partners.

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Amanda Gumbert serves as an Extension Water Quality Specialist with the University of Kentucky College of Agriculture, Food & Environment. Amanda collaborates with university personnel and federal/state/local agency partners to deliver water quality information and technical assistance to Kentuckians through the Kentucky Cooperative Extension Service. A major program focus is the Kentucky Agriculture Water Quality Act and implementation of agricultural conservation practices, with linkages to the Mississippi River basin. Her work also extends to streamside buffer zones in urban and rural areas, where she engages with watershed organizations to promote the installation and management of riparian areas. In addition to her Extension appointment Amanda teaches an introductory course on issues in agriculture, food systems, and the environment. She holds BS and MS degrees in Plant and Soil Science and a PhD in Soil Science from the University of Kentucky.

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Laurel Matula works for the Disaster Mitigation and Recovery firm ER Assist. She helps communities mitigate and recover from disasters. She's personally worked on over \$2 billion in disaster grants. Laura is currently working with several eastern KY counties on flood recovery, and is hoping to develop an area-wide flood mitigation project in the coming months.

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Mahtaab Bagherzadeh is the Division of Water's Licking River Basin Coordinator. In this position, Mahtaab works with communities to develop and fund watershed plans using the EPA's Watershed Management Framework within the basin. Drawing from her background in soil ecology and land management, she provides technical assistance to watershed groups as they develop, evaluate, and implement programs that protect and restore Kentucky's natural resources. To encourage collective action that best uses limited resources, she also works to build a cohesive group of Licking River Basin stakeholders by meeting with officials, private landowners, public agencies, and industries to discuss and coordinate activities that affect watershed health across the basin. She is also the Division's and KAMM's point of contact for nature-based solutions. Mahtaab holds degrees in Biology (B.S.) and Soil Ecology (M.S.).

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Alex VanPelt is the Commonwealth of Kentucky's National Flood Insurance Program (NFIP) Coordinator at the Kentucky Division of Water. His primary responsibilities include assisting communities in the commonwealth with managing their flood risk, administering state & local floodplain development requirements, ensuring compliance with NFIP regulations and standards, as well as providing technical assistance to communities regarding floodplain management. He also serves on the Kentucky State Hazard Mitigation Council and is the Region III Board Representative of the Kentucky Association of Mitigation Managers (KAMM). Alex received his Master of Science degree in Geography and Environmental Resources from Southern Illinois University at Carbondale (SIUC) in 2013, a Bachelor's of Science in Forestry from SIUC in 2010. He has been with the Kentucky Division of Water since 2015.

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Esther White has worked as a Project Grants Manager for the UK's Hazard Mitigation Grants Program and KYEM since 2007, working with communities, agencies, nonprofit organizations, and private sector partners statewide to develop and secure FEMA funding for numerous technical multi-hazard mitigation projects. Esther holds degrees in Business Administration and Public Administration and serves KAMM Chair on the Executive Board of Directors.

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