

Missouri Natural Resources Conference 2022

Schedule of Oral Presentations and Workshops February 2-3

Date/Time	Paradise A	Paradise B	Paradise C	Room 62-64	Parasol II	Nautical Wheeler
Feb. 2, Wed. 1-3 PM	Fisheries directed workshop: Student contributed presentations	Forestry directed workshop: Cash for Carbon	CWD Partnerships	Invertebrate Conservation		
	Population Demographics of Largemouth Bass in the Upper Mississippi River: An evaluation of management strategies and understanding potential factors governing dynamic rate functions	Workshop: Cash for Carbon	Workshop: Critical Partnerships - Chronic Wasting Disease	Workshop: Invertebrate Conservation	<i>Unscheduled</i>	<i>Unscheduled</i>
	Use of $\delta^{15}N$ and $\delta^{13}C$ stable isotope analysis to determine diet interactions between Striped Bass and other sport fishes in Bull Shoals Lake.		(Cancelled)	(Cancelled)		
	(pre-recorded) Divergence, admixture, and fitness in the Smallmouth Bass (<i>Micropterus dolomieu</i>)					
	Using Environmental DNA (eDNA) Detection to Determine the Current Distribution of Topeka Shiner (<i>Notropis topeka</i>) in Missouri					
	(New time!) How does river flooding impact nutrient cycling in floodplain features?					
2:40 PM	<i>Unscheduled</i>					
Feb. 3, Thu. 8-10 AM	Fisheries I: MOAFS Rivers & Streams Committee	Forestry I: Oak Forest Management	Wildlife I: Fur and Feathers	Education Across Agencies	Sustainable Recreation	Making People Care
	The Naiaidogeography of Missouri Revisited: A Preliminary Biogeographical Analysis of Freshwater Mussel Distributions in Missouri	Determining the Effects of Dormant Season Flooding on Pin Oak Root Development	Seeing spots after 40 years: Bobcat (<i>Lynx rufus</i>) population status, monitoring, and management in the United States	Workshop: Educational Efforts Across Divisions and Agencies to Promote Missouri's Conservation Efforts	Workshop: Moving Toward Sustainable Recreation in Missouri	Workshop: Making People Care About Your Work (same as 9 AM session - select one/either)
	Trait-based analysis of spatiotemporal dynamics of intermittent stream fish assemblage structure	Empirical assessment of growth patterns of white oak stave logs based on ocular inspection of cut stumps	Evaluating Occupancy of Mammalian Mesopredators along an Urban-Rural Gradient	(Cancelled)		(cancelled)
	Development of a flow-based aquatic community classification to define the natural fish community across Missouri's stream sizes	Spatial patterns of white oak mortality in Missouri detected using multicycle Forest Inventory and Analysis data	Assessing occupancy and distribution patterns of plains spotted skunk and prairie gray fox in the Missouri Ozarks			
	East Fork of the Black River Gravel Augmentation and Movement	Seeding Native Woodland Understory Species Over a Gradient of Light in a Recently Thinned Oak Woodland to Restore Native Woodland Understory Composition	Assessing feasibility of a capture-resighting framework to improve precision in Atlantic brant survival estimates			Workshop: Making People Care About Your Work (same as 8 AM session - select one/either)
	Distribution, Trends, and Habitat Associations of Sturgeon Chub (<i>Macrhybopsis gelida</i>) and Sicklefin Chub (<i>M. gelida</i>) in the Lower Missouri River.	Do forest health issues in oak forests accelerate compositional shifts to non-oaks?	Challenges and considerations for the use of tracking technology in avian research			(cancelled)
9:40 AM	Trout management in Lake Taneycomo, Missouri	Uneven-aged Management in the Missouri Ozarks: Effects of Stocking and Site Condition on Oak Regeneration	(pre-recorded) Dynamics of waterfowl harvest distributions in the Central and Mississippi flyways from 1980-2019			
Feb. 3, Thu. 10:15 AM -12:15 PM	Fisheries II: Aquatic System Health	Forestry II: Forests, Fire, and Floods	Wildlife II: Conservation Priorities & Diverse Challenges	Invasive Plant Control	Natural Resource Connections	
	Simulating pre-development nonpoint source loading in Moreau River Basin: A SWAT modeling application	Modeling Growth and Establishment of Plantation and Converted Agroforestry Silvopasture Systems in the Missouri Ozarks Region	Use of sUAS to Aid in Eradication of Feral Swine in Missouri	Workshop: Invasive Plant Workshop: New Initiatives, Tools & Strategies for Invasive Plant Control	Workshop: Uneven-aged silviculture in oak-hickory-pine stands on Pioneer Forest-a 30- minute virtual video tour	<i>Unscheduled</i>
	Characterizing Long-term Agricultural Impacts On Aquatic Community Health With Implications for Future Monitoring Programs	(Cancelled) Highlights from 21 years of fire effects data from Ozark National Scenic Riverways.	Identifying patterns of Chronic Wasting Disease prevalence in <i>Odocoileus virginianus</i> in Missouri			
	(Cancelled) How does land use impact plant communities in spring-fed ponds?	Effects of Fire on Vegetation of the Prairies and Black Oak Sand Savannas of Kankakee, Illinois	Population Analysis and Distribution of the State-Threatened Illinois Chorus Frog (<i>Pseudacris illinoensis</i>) in Southwestern Illinois.			
	(Cancelled) Decomposing sycamore leaves leached lead and zinc in a mine-contaminated river	Forest Restoration on Mississippi River Islands	(Cancelled) A Microclimate Study of the Largest Hibernaculum for the Endangered Indiana Bat		One Health and Natural Resources: What is the connection? What is the impact?	
	(pre-recorded) Harmful Algae Blooms in the Illinois River Align U.S. Geological Survey Central Midwest Water Science Center Efforts with State and Federal partners	Impact of Hydrological Extremes on Soil Microbial Community Dynamics in Soils Maintained Under Different Land Use Practices	(Cancelled) The effects of cattle introgression on American bison behavior and dominance structure		Contagious Conservation in the Bible Belt: Biblical Literacy and Effective Communication of Conservation Priorities	
11:55 AM	<i>Unscheduled</i>	<i>Unscheduled</i>	<i>Unscheduled</i>	<i>Unscheduled</i>		