

Thursday, February 1, 2018 – Fisheries Contributed Papers: Student Presentations

Time	Title
1:00-1:20	Fish Community Assemblages in the Ozarks of Southern Missouri
1:20-1:40	Identification of the cause of mussel population collapse, and current water quality and habitat suitability assessment in the Little Black River system, Carter, Ripley, and Butler Counties, Missouri
1:40-2:00	Freshwater Drum Population Dynamics Across Space and Time: How Resilient Are They?
2:00-2:20	Evaluating Electrofishing Waveforms: A Critical Step in Developing Standardized Sampling Methods for Smallmouth Bass
2:20-2:40	Smallmouth Bass Population Demographics in Missouri Ozark Streams
2:40-3:00	Validation of Annulus Formation in Rock Bass Otoliths

Friday, February 2, 2018 – Fisheries Contributed Papers: Big River Aquatics

Time	Title
8:00-8:20	Beating the Heat: Summer Tributary Use and Movement of Lake Sturgeon in the Missouri River Basin
8:20-8:40	Comparison of Omega 3 Fatty Acid Analysis and Chemical Contaminants in Mississippi River Fishes
8:40-9:00	Improved water system for Pallid sturgeon propagation at Neosho NFH
9:00-9:20	Developing a Framework for the Management and Control of Asian Carp in the Missouri River Basin
9:20-9:40	A comparison between standard electrofishing and novel trawling techniques for assessing Silver Carp populations in backwater areas of the Illinois River, Illinois, with applications to the Missouri River system.
9:40-10:00	Population genetics of Missouri walleye ( <i>Sander vitreus</i> )

Friday, February 2, 2018 – Forestry Contributed Papers

Time	Title
8:00-8:20	Developing and Assessing the Accuracy of a Canopy Height Model (CHM) for Deriving Important Biophysical Forest Characteristics
8:20-8:40	The effects of public perception on forest management effectiveness and efficiency
8:40-9:00	Survival and growth of 1-0 Shortleaf pine ( <i>Pinus echinata</i> ) seedlings relative to planted and natural hardwoods in forest restorations
9:00-9:20	Special Use Permit Project
9:20-9:40	Practical considerations for long-term maintenance of oak woodlands
9:40-10:00	Preliminary observations after a severe running crown fire in Missouri

Friday, February 2, 2018 – Wildlife Contributed Papers

Time	Title
8:00-8:20	The spatial ecology and microhabitat selection of the pygmy rattlesnake ( <i>Sistrurus miliarius</i> ) in Southwestern Missouri
8:20-8:40	Behavioral responses of cottonmouths to conspecific cloacal gland secretions
8:40-9:00	Accurately and Precisely Measuring Body Composition of Alligator Snapping Turtles ( <i>Macrochelys temminckii</i> ) with Dual-energy X-ray Absorptiometry (DXA)
9:00-9:20	Finding suitable habitat in the historic range of the red wolf, a critically endangered large mammal, utilizing GIS and human dimensions components
9:20-9:40	Comparing native bee and grasshopper communities in reconstructed prairies to remnant prairies in Missouri
9:40-10:00	Beaver Dam Removal in Missouri Using Explosives

Friday, February 2, 2018 – Soil & Water Contributed Papers

Time	Title
8:00-8:20	Measuring and Modeling Suspended Sediment and Nutrient Yields from a Mixed-Land-Use Watershed of the Central US
8:20-8:40	Impacts of neonicotinoid seed-treatment use on native pollinator abundance and diversity in Missouri agroecosystems
8:40-9:00	Missouri Water Resources Plan
9:00-9:20	Aquatic invertebrate response to neonicotinoid insecticide contamination of Missouri wetlands
9:20-9:40	The Missouri Ecological Site Classification Project: a 2018 report
9:40-10:00	Landscape drivers of wetland sediment neonicotinoid concentrations in Missouri public wetlands

Friday, February 2, 2018 – Fisheries Contributed Papers

Time	Title
10:15-10:35	Assessing and Monitoring Stream Channels and Riparian Corridors Using LiDAR in the Grand River Grasslands
10:35-10:55	Estimating hydrology at fish sampling sites
10:55-11:15	Test-driving a newly developed fish sampling protocol to identify biodiversity hotspots in two Missouri mid-sized rivers
11:15-11:35	Common carp recruitment five years after koiherpes virus outbreak in Blue Springs Lake.

Friday, February 2, 2018 – Natural Resources Contributed Papers

Time	Title
10:15-10:35	Conservation from the inside: An introduction to the cooperative community conservationist position with the City of Columbia, MO.
10:35-10:55	The Protection Volunteer Program: Recruiting Tomorrow's Conservation Agent, Today.
10:55-11:15	The value of partnerships in resource management

