

2024 Missouri River Science and Management Symposium

Thursday, November 14, 2024
Neuharth Center Conference Room
University of South Dakota



Time	Speaker	Title
9:00	David Swanson (USD Biology)	Birds of the Missouri River: Lewis and Clark to Today
9:20	Staci Reynolds (USD Biology)	It Takes a Village: Plankton Community Structure Throughout Middle Missouri River Basin
9:40	Mike Smith, Dan James (USFWS)	Invasive Carp Population Monitoring in the Missouri River
10:00	Scott Kostal (MSAC)	Sedimentation in the Lewis and Clark Reservoir delta
10:20	MORNING BREAK	
11:00	Tim Cowman (South Dakota Geological Survey)	Hydrology of the 2024 flood event in southeastern South Dakota
11:20	Sakshi Saraf (USD Biology)	Mapping invasive yellow sweetclover abundance across western South Dakota for 2016–2023
11:40	Meghann Jarchow (USD Sustainability & Environment)	Hotspot analysis of cultural ecosystem services and grassland bird species richness in the Upper Missouri River Basin
12:00	LUNCH BREAK	
1:30	Jordan Smith (USFWS)	Recovery of the Northern Great Plains Piping Plover
1:50	Chantel Hofer (USACE)	Severe storm impacts on piping plovers
2:10	Kyle Jorgensen (USD Biology)	Least Tern dispersal between nesting and on- and off-river foraging sites on the 59-mile MNRR
2:30	Zoe Donelan, Hannah Slattery (USD Biology)	Least Tern surveys on the 59-mile MNRR
2:50	AFTERNOON BREAK	
3:10	Abby Schauer and Caroline Vermulm (National Park Service, MNRR)	The River and You: Stewardship in the National Park Service

3:30	Mark Dixon (USD Biology)	Impacts of levee setbacks on riparian vegetation on the lower Missouri River
4:00	Omera Matoo (USD Biology)	Freshwater Mussels in the Missouri River Watershed: Threats, Assessment and Conservation Efforts
4:20	Zach Schild (USD Biology)	Analyzing changes in Russian olive distributions along the Missouri River in response to flooding
4:45	ADJOURN	

POSTER SESSION

Please visit the posters relating to Missouri River research in the MUC Foyer during the morning and afternoon breaks. Posters will also be available for viewing for South Dakota Academy of Science members during the poster session on Saturday afternoon.

Poster Authors (presenter in bold)	Title
Mercedes Batalla (SDSU Natural Resource Management)	Characterizing wetland use by aquatic invertebrates, amphibians, and fishes in wetlands enrolled in ACEP-WRE easements in eastern South Dakota
Kat Millman (SDSU Natural Resource Management)	An assessment of avian and vegetation communities on agricultural conservation easement wetlands in eastern South Dakota.