

2022 Missouri River Institute Symposium

Thursday, November 10, 2022

Muenster University Center Ballroom 225A

University of South Dakota



Time	Speaker	Title
9:00	Carrie Elliott (USGS, Columbia, Missouri)	Channel adjustments to dams in the two segments of the Missouri National Recreational River, South Dakota and Nebraska
9:20	Galen Jons (USACE, Yankton)	Emergent sandbar habitat vegetation control methods
9:50	Chantel Hofer (USACE, Yankton)	Evaluation of the effectiveness of predator exclosures on Piping Plover nests on the Missouri River
10:20	MORNING BREAK	
10:40	Maria Erceg and Steve Chipps (SDSU Natural Resources Management), Patrick Braaten (USGS, Columbia, MO), Dan James (USFWS, Pierre, SD)	Living in gradient: The influence of water temperature variation on development, settling time and survival of Pallid Sturgeon larvae in the Missouri River
11:00	Curt Dimmick (NPS, Missouri National Recreational River)	Research and management plans for the Missouri National Recreational River
11:20	Danielle Galvin and Jake Kerby (USD Biology)	Ranavirus and anchor worm coinfection Increases mortality in American bullfrog (<i>Rana catesbeiana</i>) tadpoles
11:40	Braeden Wojhan and Hugh Britten (USD Biology)	Tick surveys in eastern South Dakota
12:00	LUNCH BREAK	
1:20	Nadeesha Illeperuma , Mark Dixon and David Swanson (USD Biology)	Impacts of redcedar invasion along the Missouri River on winter riparian bird richness and abundance
1:40	Madalyn Bollig (St. Mary's University, MN) and Mark Dixon (USD Biology)	Ecological changes of the Lower Niobrara River Valley and Lewis and Clark Lake Delta from past to present
2:00	Nathan Schaepe (USGS, Nebraska Water Science Center)	2019 flood impacts to sandbar and aquatic habitats in the 39-mile segment of the MNRR
2:20	Lindsey LaBrie and Jeff Wesner (USD Biology)	Tracking invasive carp in three Missouri River tributaries in eastern South Dakota

2:40	AFTERNOON BREAK	
3:00	Tanner Carlson and Jeff Wesner (USD Biology)	Seasonal movements of Blue Suckers in a large Missouri River tributary
3:20	Meghann Jarchow (USD Sustainability and Environment)	Socioeconomic characteristics affect residents' values toward landscapes in the upper Missouri River Basin
3:40	Mark Dixon, Stephanie Nefas, and David Swanson (USD Biology)	Bird use of early successional vegetation along the Missouri River: What do we lose by managing sandbars for plovers and terns?
4:00	Chris Merkord (MSU-Moorhead), Adam Benson, Amin Rastandeh, Mark Dixon and David Swanson* (USD Biology)	Patch- and landscape-level habitat associations of riparian birds in successional woodlands along the regulated Missouri River
4:20	ADJOURN	

POSTER SESSION

Please visit the posters relating to Missouri River research around the edge of the room during the morning and afternoon breaks.

Poster Authors (presenter in bold)	Title
Laura Dixon-Larsen (USD Biology)	False map, spiny softshell, and smooth softshell turtle nest site habitat characteristics along the Missouri National Recreation River in South Dakota
Jason Emmick and Mark Sweeney (USD Sustainability and Environment)	Suspended sediment concentrations as a gauge for riparian sustainability