



NASPS Annual Meeting - Program at a Glance 20-24 October 2024

Sunday October 20

15:00 - 20:00	Registration Open	Crystal Ballroom
17:00 - 20:00	Welcome Social	Crystal Ballroom

Monday October 21

7:00 - 8:00	Registration	Crystal Ballroom
8:00 - 8:10	Opening Remarks	Crystal Ballroom
8:10 - 9:50	Presentations	Crystal Ballroom
9:50 - 10:20	Break	Crystal Ballroom
10:20 - 12:00	Presentations	Crystal Ballroom
12:00 - 13:00	Lunch (included in registration)	Crystal Ballroom
13:00 - 14:20	Presentations	Crystal Ballroom
14:20 - 14:50	Break	Crystal Ballroom
14:50 - 16:10	Presentations	Crystal Ballroom

Dinner on Your Own

Tuesday October 22

7:00 - 8:00	Registration	Crystal Ballroom
8:00 - 8:10	Opening Remarks	Crystal Ballroom
8:10 - 9:50	Presentations	Crystal Ballroom
9:50 - 10:20	Break	Crystal Ballroom
10:20 - 12:00	Presentations	Crystal Ballroom
12:00 - 13:00	Lunch (included in registration)	Crystal Ballroom
13:00 - 13:40	Presentations	Crystal Ballroom
13:40 - 14:20	NASPS Business Meeting	Crystal Ballroom
14:20 - 14:50	Break	Crystal Ballroom
14:50 - 16:10	Presentations	Crystal Ballroom
16:30 - 17:30	Student Social	Iron Hand Brewing
17:30 - 20:00	Gathering	Iron Hand Brewing*

*Join us at Iron Hand Brewing (206 State St, Mobile, AL 36603) for a special paddlefish pale ale made specifically for our conference! Food is available at the brewery; food and drinks are not covered by NASPS.

Program at a Glance continued

Wednesday October 23

7:00 - 8:00	Registration	Crystal Ballroom
8:00 - 8:10	Opening Remarks	Crystal Ballroom
8:10 - 9:50	Presentations	Crystal Ballroom
9:50 - 10:20	Break	Crystal Ballroom
10:20 - 12:00	Presentations	Crystal Ballroom
12:00 - 13:00	Lunch (included in registration)	Crystal Ballroom
13:00 - 13:40	Presentations	Crystal Ballroom
13:40 - 14:10	Break	Crystal Ballroom
14:10 - 16:10	Discussion Forum: Mass Mortality Events	Crystal Ballroom
18:00 - 19:00	Poster Social	Crystal Ballroom
19:00 - 22:00	Banquet (included in registration)	Crystal Ballroom

Thursday October 24

8:00 - 10:00	Workshop: Innovasea Telemetry Technology	South Gallery
10:00 - 10:30	Break	South Gallery
10:30 - 12:00	Workshop: Innovasea Telemetry Technology	South Gallery

Day 1 – Monday, October 21, 2024

Time	Presenter	Title/Event
08:00 - 08:10	NASPS	Welcome and Opening Remarks
08:10 – 08:30	Kim Scribner	Lake sturgeon inter-spawning interval is associated with prior reproductive effort including migratory history, intra- and inter-sexual interactions and environmental conditions
08:30 – 08:50	Brandon Sansom	The USGS Columbia Environmental Research Center eco-flume: A novel experimental flume to study pallid sturgeon drift and dispersal
08:50 – 09:10	Bill Poytress	Transitional strategies of juvenile green sturgeon from a riverine to a brackish water environment
09:10 – 09:30	Kobe White*	Seasonal movement patterns of spring and fall spawning gulf sturgeon in the Choctawhatchee River
09:30 – 09:50	Elizabeth Greenheck*	Factors driving habitat use of gulf sturgeon in Mobile Bay, Alabama
09:50 – 10:20		Break
10:20 – 10:40	Joey Nolan*	Shortnose sturgeon straying from home: new insights into partial migration
10:40 – 11:00	Morgan Segrest*	Thermal regimes experienced by adult and subadult gulf sturgeon from the Pearl and Pascagoula rivers
11:00 – 11:20	Joel Yeager*	Comparison of juvenile gulf sturgeon growth across its range
11:20 – 11:40	Graeme Lyon*	Juvenile white sturgeon distribution and oxythermal habitat selection in a lake in northern British Columbia, Canada
11:40 – 12:00	Tori Ogolin*	Identifying the mechanisms for variation in pallid sturgeon growth
12:00 – 13:00		Lunch
13:00 – 13:20	Jason Kahn	Adult super-population abundance for intermittently spawning, iteroparous York River Atlantic sturgeon individuals
13:20 – 13:40	Michael Andres	Juvenile and subadult use patterns in the Pascagoula River Estuary
13:40 – 14:00	Peter Johnson*	Assessing genetic diversity captured in conservation aquaculture of white sturgeon
14:00 – 14:20	Caroline Elliott	Using variation of larval sturgeon capture to understand dispersal in the Lower Missouri River
14:20 – 14:50		Break
14:50 – 15:10	Levi Umland*	A lake sturgeon recovery milestone: The first documented occurrence of spawning within tributaries of the Missouri River, Missouri
15:10 – 15:30	Michael Colvin	Uno reverse! Is there enough information in reverse capture histories to estimate the year class of a pallid sturgeon?
15:30 – 15:50	Molly Webb	The importance of identifying follicular atresia in sturgeons
15:50 – 16:10	Matthew Olson*	Use of elemental fingerprinting of juvenile Gulf Sturgeon fin spines to identify age of initial entry into saline waters and predict natal origin and movement patterns

*Student presentation

Day 2 – Tuesday, October 22, 2024

Time	Presenter	Title/Event
08:00 - 08:10	NASPS	Welcome and Opening Remarks
08:10 – 08:30	Logan Sleezer	Zero-inflated Poisson model to update monitoring protocols for age-0 Scaphirhynchus sturgeon
08:30 – 08:50	Kimberly Chojnacki	Integration of data and development of information tools to support pallid sturgeon recovery
08:50 – 09:10	Brian Healy	The interaction of uncertainty and objective weights: Value-of-information analysis to inform river temperature management for green sturgeon and winter-run chinook salmon below Shasta Dam
09:10 – 09:30	Dewayne Fox	An updated estimate of population size for Hudson River shortnose sturgeon
09:30 – 09:50	James Crossman	High densities of hatchery-origin white sturgeon suppress somatic growth rates of an endangered wild population
09:50 – 10:20		Break
10:20 – 10:40	Aaron DeLonay	Development of an automated, cellular, wide-area radio telemetry network monitors pallid sturgeon responses to management
10:40 – 11:00	Josh Murauskas	Management of PIT data for sturgeon and paddlefish conservation
11:00 – 11:20	Kim Scribner	Adult lake sturgeon reproductive success following dam passage quantified using genetic pedigree reconstruction
11:20 – 11:40	Kalli Parauka*	Movements of paddlefish in William “Bill” Dannelly Reservoir and the lower Cahaba River, Alabama, as related to potential spawning areas
11:40 – 12:00	Jennifer Bowman*	Evaluation of non-penetrative captive bolt stunning as a method of slaughter for white sturgeon
12:00 – 13:00		Lunch
13:00 – 13:20	Shasta Kamara*	Influence of temperature on paddlefish thermal tolerance, recovery and post-release behavior
13:20 – 13:40	Ehlana Stell	Juvenile paddlefish swimming performance, respiration, and thermal tolerance
13:40 – 14:20		NASPS Business Meeting
14:20 – 14:50		Break
14:50 – 15:10	Ayodeji Fagbohun*	Effects of dietary protein and lipid levels on growth performance, nutrient utilization, and mesenteric fat deposition in on-growing white sturgeon
15:10 – 15:30	Mike Manky	Future sturgeon and paddlefish advocates
15:30 – 15:50	Jason Schooley	Influences of recreational fishing guides and technology on paddlefish snagging in Oklahoma
15:50 – 16:10	Wyatt Wolfenkoehler*	Utility of side-scan and down-scan sonar for monitoring paddlefish

*Student presentation

Day 3 – Wednesday, October 23, 2024

Time	Presenter	Title/Event
08:00 - 08:10	NASPS	Welcome and Opening Remarks
08:10 – 08:30	Brandon Simcox	Lake sturgeon recovery efforts in the Southeast United States: Where are we after two-decades of restoration?
08:30 – 08:50	Ed Baker	Lake sturgeon stocking evaluation and estimation of natural recruitment in Black Lake, Michigan
08:50 – 09:10	Steven Rider	Status, trends, and management of sturgeon and paddlefish in Alabama
09:10 – 09:30	Adam Fox	Long-term abundance and recruitment for shortnose sturgeon in the Altamaha River, Georgia, USA
09:30 – 09:50	Jason Schooley	Assessing success of paddlefish restoration stocking in Lake Eufaula, Oklahoma
09:50 – 10:20		Break
10:20 – 10:40	Dennis DeVries	Paddlefish of the Mobile Basin: what have 32 years of research taught us?
10:40 – 11:00	Madison Earhart	The role of thermal stress in wild white sturgeon mortality
11:00 – 11:20	Peter Allen	Understanding important patterns in the physiology and ecology of sturgeons to guide management and recovery
11:20 – 11:40	Mark Wildhaber	Potential coupled population dynamics between pallid sturgeon and <i>Macrhybopsis</i> chubs in the Lower Missouri River
11:40 – 12:00	Kasea Price	Riverine movements of Gulf Sturgeon in the Pearl and Pascagoula rivers with an emphasis on spawning related movements
12:00 – 13:00		Lunch
13:00 – 13:20	Rebecca Cohen	Thunderfish: Description and occurrence of low-frequency sounds associated with spawning Atlantic Sturgeon in the Hudson River
13:20 – 13:40	Austin Draper	Spatial identification of suitable oyster restoration habitat with considerations for Gulf Sturgeon
13:40 – 14:10		Break
14:10 – 16:10		Discussion Forum: Mass Mortality Events
18:00 – 19:00		Poster Social
	Justin Kowalski*	Effects of lock-and-dam structures on Alabama River fishes: ongoing research and new questions
	McKensie Vaske*	Assessing the effects of experimental flow releases on shovelnose sturgeon spawning in the Des Moines River, Iowa
	Bill Poytress	Identifying suitable rearing habitat of age-0 sDPS green sturgeon in the Sacramento River
	David Smith	National Information Collaboration for Ecohydraulics (NICE): A framework for narrowing data gaps at the intersection of ecohydraulics and fish attributes
	Stacey Blersch	Challenges of modeling ecohydraulic conditions at low-use dams: Case study of Claiborne Lock and Dam
	Alyssa Pagel*	Evaluating sediment preferences and habitat use of gulf sturgeon, black drum, and sheepshead in federally designated critical habitat prior to oyster reef restoration
	Evelyn Pantelopoulos*	Paddlefish movements in the Pascagoula River and its tributaries
	Paul Grammer	Gulf Sturgeon use of Ship Island, MS: Evaluating use around one the USACE largest coastal restoration projects

*Student presentation

Day 4 – Thursday, October 24, 2024

Time	Presenter	Title/Event
08:00 – 10:00	Amy Brookman	Innovasea Workshop: How to Effectively Use Acoustic Telemetry Technology
10:00 – 10:30		Break
10:30 – 12:00	Amy Brookman	Innovasea Workshop: How to Effectively Use Acoustic Telemetry Technology